INDEX OF HOSTS AND ASSOCIATED FUNGI IDENTIFIED BY THE FOREST INSECT AND DISEASE SURVEY IN ONTARIO FROM 1967 TO 1987.

III. MAPLES, BIRCHES AND POPLARS

D.T. Myren and C.N. Davis

Information Report O-X-414

Forestry Canada Forêts Canada

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It is recognized that forested land must be managed in the best public interest, not only for the wood production essential to our economy, but also for the recreational purposes that are so important to our social well-being. This must be achieved in a manner that will maintain or improve the quality of the forest environment and preserve it for generations to come.

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III. MAPLES, BIRCHES AND POPLARS

D.T. Myren
and
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Forestry Canada
Ontario Region
Great Lakes Forestry Centre

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ABSTRACT

This publication lists all fungi found on maple, birch and poplar hosts from 1967 to 1987 by personnel of the Forest Insect and Disease Survey Unit at Forestry Canada, Ontario Region's Great Lakes Forestry Centre. The list is arranged alphabetically in two sections, first by host and then by organism. Indexes of common names of hosts and of diseases provide the reader who is unfamiliar with the Latin binomials with access to the appropriate pages in the lists. A comprehensive index of all Latin binomials, including frequently used synonyms, is included.

RÉSUMÉ

Le présent rapport énumère tous les champignons découverts chez les érables, les bouleaux et les peupliers de 1967 à 1987 par des employés de l'unité du Relevé des insectes et des maladies des arbres du Centre de foresterie des Grands Lacs de la Région de l'Ontario de Forêts Canada. La liste, présentée par ordre alphabétique, se divise en deux parties, la première énumérant les hôtes et la seconde, les champignons. Les noms vernaculaires des hôtes et des maladies sont présentés à l'intention du lecteur qui ne connait pas bien les noms latins et sont accompagnés d'un renvoi aux pages appropriées. Le rapport comprend également un index général de tous les noms latins, y compris leurs synonymes les plus usités.

ACKNOWLEDGMENTS

We acknowledge the assistance provided by the Forest Insect and Disease Survey (FIDS) field staff in the preparation of this report. It is only through their detection of tree diseases and submission of well-documented samples that the information presented here is made possible. Special thanks go to FIDS rangers B. Smith, W. Ingram and P. Bolan for their assistance in assembling and organizing this information, and to W. Britnell of our mycology staff for his careful review of the manuscript. The cooperation of staff of the Ontario Ministry of Natural Resources (OMNR) in submitting samples and alerting our field staff to problem locations is appreciated.

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Cover photo: *Armillaria mellea* on white birch.

INTRODUCTION

This index is the third in a series of four reports prepared by the mycology section of the Forest Insect and Disease Survey (FIDS) Unit and covers fungi that have been observed on maples, birches and poplars. Previous indexes in the series covered fungi of the pines and all conifers other than pines.

The information presented in these indexes of fungi and their hosts was obtained from the FIDS data bank maintained at Forestry Canada's Petawawa National Forestry Institute. This data bank contains detailed records of each tree disease collection made by FIDS staff since 1967. Information from the Great Lakes Forestry Centre extension sample records that is not contained in the data bank is included. Most of the samples in our extension records were collected by staff of the Ontario Ministry of Natural Resources.

The present index has been prepared to ensure that at least some of the information in our data bank is available to the forestry community at large. Additional indexes will be prepared over the next several years to cover all tree species native to Ontario; some of the more widely planted exotics will also be included.

The text consists of two major divisions. In the first, the hosts are arranged in alphabetical order by their Latin binomials. In the second, the organisms are arranged similarly. These divisions are followed by alphabetical lists of the common names of both the hosts and the diseases, with corresponding Latin binomials. By consulting these lists for names that may be more familiar, the reader will gain access to the binomials in the main body of the text. An index of all Latin binomials, including anamorphs and synonyms, has also been included.

Many of the fungi presented are not true pathogens but have been found on the hosts as saprophytes. Others are known to be either weakly or vigorously pathogenic. To simplify attempts to recognize the category to which a fungus belongs, we have assigned a number according to the following system, which is used in the annual FIDS reports:

1. Capable of causing serious injury to or death of living trees.
2. Capable of causing sporadic or local injury but not usually a threat to living trees.
3. Of minor importance and not known to have caused serious damage to trees.
4. Known as a saprophytic fungus.

M. Mycorrhizal.

Assignment of an organism to a specific category is based on our field observations and laboratory experience. Decay fungi, which are certainly among the most serious fungi on forest trees, are difficult to place in this rating system as many do not kill their hosts but do cause significant wood-volume loss. This loss cannot be considered an injury but may predispose the host to eventual breakage from wind, ice or other abiotic agents.

Geographic locations refer to the provincial administrative regions presented in Figure 1. We have elected to use a suitable abbreviation in designating the regions, such as NE for the Northeastern Region. In the text, the number of collections from a region follows the abbreviation and is enclosed within parentheses. It should be noted that these are only the regions from which the fungus was reported; the fungus was not necessarily more abundant there, nor was it necessarily absent from other regions.

Many of the fungi and the diseases they cause do not have common names. For these we have constructed a name using the fungal genus, the type of disease, and/or the host, whichever we deemed most appropriate and least confusing. We do not necessarily nominate these as official common names, but use them only to facilitate the use of this host index.

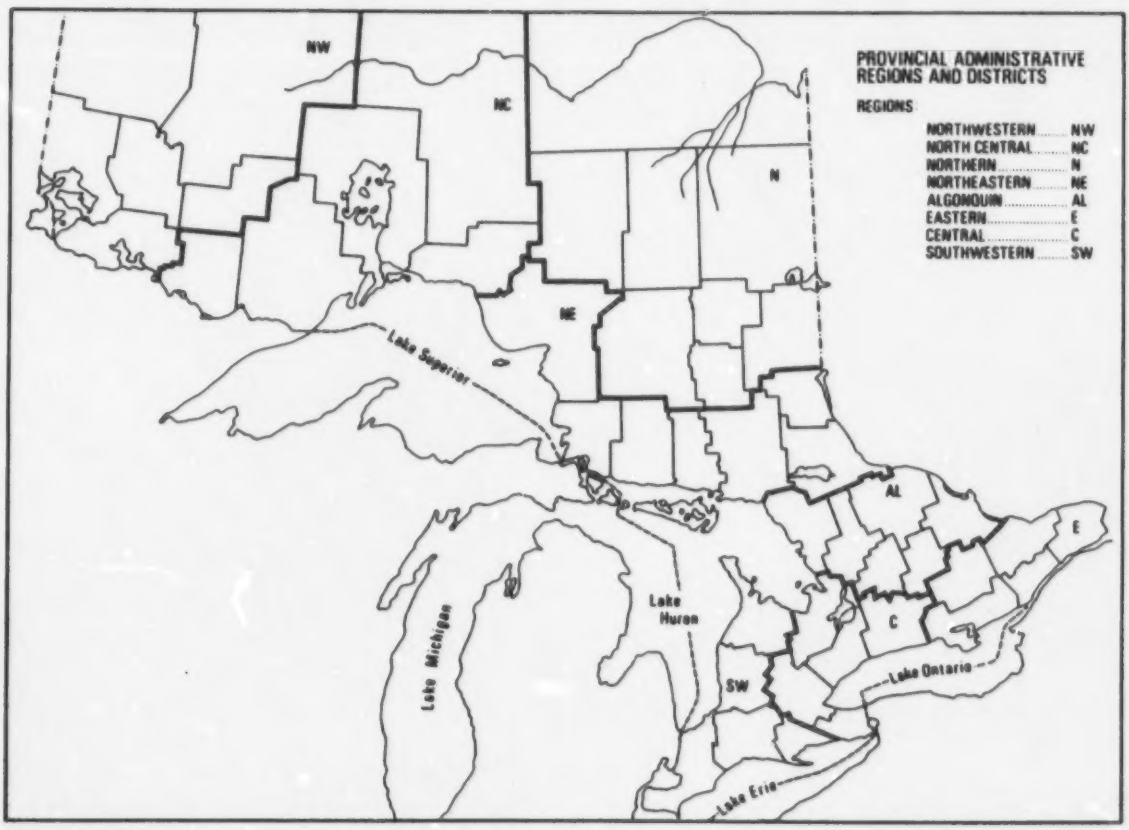

Figure 1. A map of the province of Ontario with the Ontario Ministry of Natural Resources' provincial administrative regions (bordered by darker lines and identified by the selected abbreviation).

HOST/FUNGUS LISTING

Acer spp., maple

Apiognomonia errabunda (Roberge) Höhnel: anthracnose
Syn.: *Gnomonia errabunda* (Roberge) Auersw.
Syn.: *Gnomonia quercina* Kleb.
Anamorph: *Discula umbrinella* (Berk. & Broome) Morelet
Syn.: *Gloeosporium umbrinellum* Berk. & Broome
Disease Rating: 2
Loc.: NE (2), E(3), C(3), SW(1)

Armillaria mellea (Vahl : Fr.) Kummer: Armillaria root rot
Syn.: *Armillariella mellea* (Vahl : Fr.) P. Karsten
Disease Rating: 1
Loc.: NE (1), SW (2)

Ascochyta sp.: Ascochyta
Disease Rating: 3
Loc.: AL (1)

Aureobasidium apocryptum (Ell. & Ev.) Hermanides-Nijhof: anthracnose
Syn.: *Kabatiella apocrypta* (Ell. & Ev.) v. Arx
Syn.: *Gloeosporium apocryptum* Ell. & Ev.
Disease Rating: 2
Loc.: NW (1), NE (10), AL (1), E (11), C (15), SW (9)

Botryodiplodia sp.: twig canker
Disease Rating: 3
Loc.: E (2)

Cephalosporium sp.: Cephalosporium wilt
Disease Rating: 2
Loc.: E (1)

Cerrena unicolor (Bull. : Fr.) Murrill: mossy-maze polypore
Syn.: *Daedalea unicolor* (Bull. : Fr.) Fr.
Disease Rating: 3
Loc.: NE (1)

Cladosporium sp.: leaf spot
Syn.: *Hormodendrum* sp.
Disease Rating: 3
Loc.: C (1)

Cryptodiaporthe acerinum J. Reid & Cain: branch canker
Disease Rating: 4
Loc.: C (1)

Acer spp., maple

Cryptodiaporthe hystrix (Tode : Fr.) Petrak: Diplodia leaf spot
Anamorph: *Diplodina acerina* (Pass.) B. Sutton
Syn.: *Discella acerina* (Pass.) v. Arx
Disease Rating: 3
Loc.: C (1)

Cytospora sp.: Cytospora canker
Disease Rating: 3
Loc.: NC (1), NE (2), E (2), C (3), SW (2)

Diplodia sp.: Diplodia twig dieback
Disease Rating: 3
Loc.: E (1)

Discula acerina Oudem.: anthracnose
Disease Rating: 3
Loc.: E (2), C (1), SW (1)

Eutypella parasitica Davidson & Lorenz: Eutypella canker
Disease Rating: 2
Loc.: NE (2)

Irpex lacteus (Fr. : Fr.) Fr.: white-toothed polypore
Syn.: *Polyporus tulipiferae* (Schwein.) Overh.
Syn.: *Irpex tulipiferae* (Schwein.) Schwein.
Disease Rating: 4
Loc.: E (1)

Marssonina sp.: Marssonina leaf spot
Disease Rating: 3
Loc.: AL (1)

Nectria cinnabarina (Tode : Fr.) Fr.: Nectria canker
Anamorph: *Tuberculatia vulgaris* Tode : Fr.
Disease Rating: 2
Loc.: NC (1), N (1), NE (28), E (3), C (1), SW (1)

Phoma sp.: Phoma canker
Disease Rating: 3
Loc.: E (1)

Phomopsis sp.: Phomopsis blight
Disease Rating: 3
Loc.: NE (1), C (1)

Phyllosticta minima (Berk. & M.A. Curtis) Underw. & Earle: purple-bordered leaf spot
Syn.: *Phyllosticta acericola* Cooke & Ell.
Disease Rating: 3
Loc.: AL (1), E (1), C (3), SW (2)

Acer spp., maple

Pleurotus ostreatus (Jacq. : Fr.) Kummer: oyster-shell fungus
Disease Rating: 4
Loc.: NE (1)

Schizophyllum commune Fr. : Fr.: split gill
Disease Rating: 3
Loc.: E (1)

Stegonsporium sp.: maple twig fungus
Disease Rating: 4
Loc.: NE (1), E (1), C (4)

Stegonsporium pyriforme (Hoffm. : Fr.) Corda: maple twig fungus
Syn.: *Stilbospora ovata* Pers.
Syn.: *Stegonsporium ovatum* (Pers.) S. Hughes
Disease Rating: 4
Loc.: AL (1), E (2), C (3), SW (2)

Trametes pubescens (Schumacher : Fr.) Pilát: pubescent conk
Syn.: *Coriolus pubescens* (Schumacher : Fr.) Quélet
Syn.: *Polyporus pubescens* Schumacher : Fr.
Disease Rating: 4
Loc.: C (1)

Tubercularia sp.: Nectria canker
Disease Rating: 1
Loc.: C (1)

Verticillium sp.: Verticillium wilt
Disease Rating: 1
Loc.: AL (2), E (3), C (1), SW (2)

Verticillium albo-atrum Reinke & Berth.: Verticillium wilt
Disease Rating: 1
Loc.: SW (2)

Verticillium dahliae Kleb.: Verticillium wilt
Disease Rating: 1
Loc.: NE (1), C (2)

Acer negundo L., Manitoba maple

Botryosphaeria obtusa (Schwein.) Shoem.: frog-eye leaf spot
Syn.: *Physalospora obtusa* (Schwein.) Cooke
Anamorph: *Sphaeropsis malorum* (Schwein.) Cooke
Syn.: *Botryodiplodia malorum* (Berk.) Petrak & H. Sydow
Disease Rating: 2
Loc.: NE (1)

Cerrena unicolor (Bull. : Fr.) Murrill: mossy-maze polypore
Syn.: *Daedalea unicolor* (Bull. : Fr.) Fr.
Disease Rating: 3
Loc.: E (1)

Cristulariella sp.: leaf spot
Disease Rating: 3
Loc.: E (1)

Cytospora sp.: Cytospora canker
Disease Rating: 3
Loc.: NW (1)

Diplodina sp.: Diplodina leaf spot
Disease Rating: 3
Loc.: NC (1)

Discula acerina Oudem.: anthracnose
Disease Rating: 3
Loc.: N (1), E (1), C (1)

Ganoderma applanatum (Pers.) Pat.: artist's conk
Syn.: *Fomes applanatus* (Pers.) C. Gillet
Syn.: *Polyporus applanatus* (Pers.) Wallr.
Disease Rating: 4
Loc.: SW (1)

Irpex lacteus (Fr. : Fr.) Fr.: white-toothed polypore
Syn.: *Polyporus tulipiferae* (Schwein.) Overh.
Syn.: *Irpex tulipiferae* (Schwein.) Schwein.
Disease Rating: 4
Loc.: E (1)

Nectria cinnabarina (Tode : Fr.) Fr.: Nectria canker
Anamorph: *Tubercularia vulgaris* Tode : Fr.
Disease Rating: 2
Loc.: NW (1), NC (1), N (1), SW (1)

Phyllosticta negundinis Sacc. & Speg.: leaf spot
Disease Rating: 3
Loc.: NW (1), SW (1)

Acer negundo L., Manitoba maple

Rhytisma punctatum (Pers. : Fr.) Fr.: speckled tar spot
Anamorph: *Melasmia punctata* Sacc. & Roum.
Disease Rating: 3
Loc.: NW (2), N (6), NE (1)

Septoria aceris (Lib.) Berk. & Broome: Septoria leaf spot
Disease Rating: 3
Loc.: C (1)

Stigmina negundinis (Berk. & M.A. Curtis) M.B. Ellis: Stigmina twig blight
Syn.: *Coryneum negundinis* Berk. & M.A. Curtis
Syn.: *Helminthosporium subcuticulare* Ell. & Ev.
Disease Rating: 3
Loc.: NC (1), N (3), NE (1)

Xylaria polymorpha (Pers. : Fr.) Grev.: dead-man's fingers
Disease Rating: 3
Loc.: SW (1)

Acer nigrum Michx.f., black maple

Apiognomonia errabunda (Roberge) Höhnel: anthracnose
Syn.: *Gnomonia errabunda* (Roberge) Auersw.
Syn.: *Gnomonia quercina* Kleb.
Anamorph: *Discula umbrinella* (Berk. & Broome) Morelet
Syn.: *Gloeosporium umbrinellum* Berk. & Broome
Disease Rating: 2
Loc.: SW (1)

Aureobasidium apocryptum (Ell. & Ev.) Hermanides-Nijhof: anthracnose
Syn.: *Kabatiella apocrypta* (Ell. & Ev.) v. Arx
Syn.: *Gloeosporium apocryptum* Ell. & Ev.
Disease Rating: 2
Loc.: SW (1)

Phyllosticta minima (Berk. & M.A. Curtis) Underw. & Earle: purple-bordered leaf spot
Syn.: *Phyllosticta acericola* Cooke & Ell.
Disease Rating: 3
Loc.: SW (1)

Acer pensylvanicum L., striped maple

Cytospora sp.: Cytospora canker
Disease Rating: 3
Loc.: E (1)

Eutypella parasitica Davidson & Lorenz: Eutypella canker
Disease Rating: 2
Loc.: E (1), C (1)

Phomopsis sp.: Phomopsis blight
Disease Rating: 3
Loc.: E (1)

Acer platanoides L., Norway maple

Apiognomonia errabunda (Roberge) Höhnel: anthracnose
Syn.: _Gnomonia errabunda_ (Roberge) Auersw.
Syn.: _Gnomonia quercina_ Kleb.
Anamorph: _Discula umbrinella_ (Berk. & Broome) Morelet
Syn.: _Gloeosporium umbrinellum_ Berk. & Broome
Disease Rating: 2
Loc.: C (1)

Aureobasidium apocryptum (Ell. & Ev.) Hermanides-Nijhof: anthracnose
Syn.: _Kabatiella apocrypta_ (Ell. & Ev.) v. Arx
Syn.: _Gloeosporium apocryptum_ Ell. & Ev.
Disease Rating: 2
Loc.: C (4), SW (2)

Cerrena unicolor (Bull. : Fr.) Murrill: mossy-maze polypore
Syn.: _Daedalea unicolor_ (Bull. : Fr.) Fr.
Disease Rating: 3
Loc.: NE (1)

Cladosporium sp.: leaf spot
Syn.: _Hormodendrum_ sp.
Disease Rating: 3
Loc.: SW (1)

Cytospora sp.: Cytospora canker
Disease Rating: 3
Loc.: E (2), C (2), SW (3)

Diplodia sp.: Diplodia twig dieback
Disease Rating: 3
Loc.: SW (1)

Ganoderma applanatum (Pers.) Pat.: artist's conk
Syn.: _Fomes applanatus_ (Pers.) C. Gillet
Syn.: _Polyporus applanatus_ (Pers.) Wallr.
Disease Rating: 4
Loc.: C (1)

Nectria cinnabarina (Tode : Fr.) Fr.: Nectria canker
Anamorph: _Tubercularia vulgaris_ Tode : Fr.
Disease Rating: 2
Loc.: NE (2), E (1), C (4), SW (4)

Valsa sp.: stem canker
Disease Rating: 3
Loc.: SW (1)

Acer platanoides L., Norway maple

Verticillium sp.: Verticillium wilt
Disease Rating: 1
Loc.: NE (1), E (2), C (1), SW (7)

Acer pseudoplatanus L., sycamore maple

Nectria cinnabarina (Tode : Fr.) Fr.: Nectria canker
Anamorph: _Tubercularia vulgaris_ Tode : Fr.
Disease Rating: 2
Loc.: C (1), SW (1)

Phyllosticta minima (Berk. & M.A. Curtis) Underw. & Earle: purple-bordered leaf spot
Syn.: _Phyllosticta acericola_ Cooke & Ell.
Disease Rating: 3
Loc.: SW (1)

Acer rubrum L., red maple

Apiognomonia errabunda (Roberge) Höhnel: anthracnose
Syn.: *Gnomonia errabunda* (Roberge) Auersw.
Syn.: *Gnomonia quercina* Kleb.
Anamorph: *Discula umbrinella* (Berk. & Broome) Morelet
Syn.: *Gloeosporium umbrinellum* Berk. & Broome
Disease Rating: 2
Loc.: N (2), AL (2)

Armillaria mellea (Vahl : Fr.) Kummer: Armillaria root rot
Syn.: *Armillariella mellea* (Vahl : Fr.) P. Karsten
Disease Rating: 1
Loc.: NE (1), SW (2)

Aureobasidium apocryptum (Ell. & Ev.) Hermanides-Nijhof: anthracnose
Syn.: *Kabatiella apocrypta* (Ell. & Ev.) v. Arx
Syn.: *Gloeosporium apocryptum* Ell. & Ev.
Disease Rating: 2
Loc.: NW (2), N (1), NE (2), AL (3), E (8), C (1), SW (1)

Ceratocystis sp.: blue stain
Disease Rating: 3
Loc.: C (1)

Cladosporium sp.: leaf spot
Syn.: *Hormodendrum* sp.
Disease Rating: 3
Loc.: AL (2)

Coniothyrium negundinis Tehon & E.Y. Daniels: twig canker
Disease Rating: 3
Loc.: SW (1)

Cryptodiaporthe hystrix (Tode : Fr.) Petrak: Diplodia leaf spot
Anamorph: *Diplodina acerina* (Pass.) B. Sutton
Syn.: *Discella acerina* (Pass.) v. Arx
Disease Rating: 3
Loc.: E (1)

Cytospora sp.: Cytospora canker
Disease Rating: 3
Loc.: NE (2), AL (1), C (1)

Diaporthe sp.: twig canker
Disease Rating: 3
Loc.: E (1)

Acer rubrum L., red maple

Diplodina sp.: Diplodina leaf spot
Disease Rating: 3
Loc.: NE (1)

Discula acerina Oudem.: anthracnose
Disease Rating: 3
Loc.: NE (1), AL (2), E (1), C (1)

Eutypella parasitica Davidson & Lorenz: Eutypella canker
Disease Rating: 2
Loc.: NE (1), AL (2), E (2)

Hericium americanum Ginns: bear's-head tooth fungus
Disease Rating: 4
Loc.: NE (1)

Macrophoma sp.: leaf spot
Disease Rating: 3
Loc.: C (1)

Nectria cinnabarina (Tode : Fr.) Fr.: Nectria canker
Anamorph: *Tubercularia vulgaris* Tode : Fr.
Disease Rating: 2
Loc.: NE (3)

Nectria galligena Bres.: target canker
Disease Rating: 2
Loc.: E (1)

Peniophora sp.: Peniophora
Disease Rating: 4
Loc.: NE (1)

Phellinus igniarius (L. : Fr.) Quélet: false tinder fungus
Syn.: *Fomes igniarius* (L. : Fr.) Kickx
Disease Rating: 1
Loc.: N (1)

Phomopsis sp.: Phomopsis blight
Disease Rating: 3
Loc.: C (1)

Phyllosticta minima (Berk. & M.A. Curtis) Underw. & Earle: purple-bordered leaf spot
Syn.: *Phyllosticta acericola* Cooke & Ell.
Disease Rating: 3
Loc.: N (2), NE (5), AL (4), E (3), C (2), SW (3)

Acer rubrum L., red maple

Rhytisma acerinum (Pers. : Fr.) Fr.: tar spot
Anamorph: *Melasmia acerina* Lév.
Disease Rating: 3
Loc.: N (3), NE (5), AL (4), E (1), SW (3)

Rhytisma punctatum (Pers. : Fr.) Fr.: speckled tar spot
Anamorph: *Melasmia punctata* Sacc. & Roum.
Disease Rating: 3
Loc.: N (2), SW (1)

Stegonsporium sp.: maple twig fungus
Disease Rating: 4
Loc.: NW (1)

Stegonsporium pyriforme (Hoffm. : Fr.) Corda: maple twig fungus
Syn.: *Stilbospora ovata* Pers.
Syn.: *Stegonsporium ovatum* (Pers.) S. Hughes
Disease Rating: 4
Loc.: E (1)

Taphrina dearnessii Jenk.: leaf blister
Disease Rating: 3
Loc.: NE (1), AL (1)

Ustilina deusta (Hoffm. : Fr.) Lind: coal fungus
Syn.: *Hypoxylon deustum* (Hoffm. : Fr.) Grev.
Disease Rating: 3
Loc.: C (1)

Valsa sordida Nitschke: golden-tendril Cytospora
Anamorph: *Cytospora chrysosperma* (Pers. : Fr.) Fr.
Disease Rating: 3
Loc.: NE (1)

Venturia acerina Plakidas ex Barr: maple leaf spot
Syn.: *Cladosporium humile* J. Davis
Disease Rating: 3
Loc.: E (1)

Verticillium sp.: Verticillium wilt
Disease Rating: 1
Loc.: AL (1), E (1), SW (1)

Acer saccharinum L., silver maple

Apiognomonia errabunda (Roberge) Höhnel: anthracnose
Syn.: *Gnomonia errabunda* (Roberge) Auersw.
Syn.: *Gnomonia quercina* Kleb.
Anamorph: *Discula umbrinella* (Berk. & Broome) Morelet
Syn.: *Gloeosporium umbrinellum* Berk. & Broome
Disease Rating: 2
Loc.: C (1)

Aplosporella clintonii (Peck) Petrak & Sydow: Sphaeropsis dieback
Syn.: *Sphaeropsis albescens* Ell. & Ev.
Disease Rating: 3
Loc.: NE (1)

Armillaria mellea (Vahl : Fr.) Kummer: Armillaria root rot
Syn.: *Armillariella mellea* (Vahl : Fr.) P. Karsten
Disease Rating: 1
Loc.: E (1)

Aureobasidium apocryptum (Ell. & Ev.) Hermanides-Nijhof: anthracnose
Syn.: *Kabatiella apocrypta* (Ell. & Ev.) v. Arx
Syn.: *Gloeosporium apocryptum* Ell. & Ev.
Disease Rating: 2
Loc.: NC (1), N (1), NE (1), E (2), C (1), SW (3)

Cytospora sp.: Cytospora canker
Disease Rating: 3
Loc.: NE (2), AL (1), E (1), C (1), SW (1)

Diplodia sp.: Diplodia twig dieback
Disease Rating: 3
Loc.: SW (1)

Diplodina sp.: Diplodina leaf spot
Disease Rating: 3
Loc.: NE (1)

Irpex lacteus (Fr. : Fr.) Fr.: white-toothed polypore
Syn.: *Polyporus tulipiferae* (Schwein.) Overh.
Syn.: *Irpex tulipiferae* (Schwein.) Schwein.
Disease Rating: 4
Loc.: C (1)

Acer saccharinum L., silver maple

Nectria cinnabarina (Tode : Fr.) Fr.: Nectria canker
Anamorph: *Tubercularia vulgaris* Tode : Fr.
Disease Rating: 2
Loc.: E (1), SW (1)

Phyllosticta minima (Berk. & M.A. Curtis) Underw. & Earle: purple-bordered leaf spot
Syn.: *Phyllosticta acericola* Cooke & Ell.
Disease Rating: 3
Loc.: SW (1)

Rhytisma acerinum (Pers. : Fr.) Fr.: tar spot
Anamorph: *Melasmia acerina* Lév.
Disease Rating: 3
Loc.: NE (1), E (1), C (1), SW (1)

Stegonsporium sp.: maple twig fungus
Disease Rating: 4
Loc.: SW (1)

Stegonsporium pyriforme (Hoffm. : Fr.) Corda: maple twig fungus
Syn.: *Stilbospora ovata* Pers.
Syn.: *Stegonsporium ovatum* (Pers.) S. Hughes
Disease Rating: 4
Loc.: SW (1)

Stereum sp.: Stereum wood rotter
Disease Rating: 3
Loc.: NE (1)

Trametes versicolor (L. : Fr.) Pilát: turkey tail
Syn.: *Coriolus versicolor* (L. : Fr.) Quélet
Syn.: *Polyporus versicolor* L. : Fr.
Disease Rating: 4
Loc.: C (1)

Verticillium sp.: Verticillium wilt
Disease Rating: 1
Loc.: NE (1), AL (1)

Acer saccharum Marsh., sugar maple

Apiognomonia errabunda (Roberge) Höhnel: anthracnose
Syn.: *Gnomonia errabunda* (Roberge) Auersw.
Syn.: *Gnomonia quercina* Kleb.
Anamorph: *Discula umbrinella* (Berk. & Broome) Morelet
Syn.: *Gloeosporium umbrinellum* Berk. & Broome
Disease Rating: 2
Loc.: N (1), NE (1), AL (7), E (4), C (1), SW (5)

Aplosporella clintonii (Peck) Petrak & Sydow: Sphaeropsis dieback
Syn.: *Sphaeropsis albescens* Ell. & Ev.
Disease Rating: 3
Loc.: C (1)

Armillaria mellea (Vahl : Fr.) Kummer: Armillaria root rot
Syn.: *Armillariella mellea* (Vahl : Fr.) P. Karsten
Disease Rating: 1
Loc.: AL (1), E (1), C (4), SW (3)

Aureobasidium apocryptum (Ell. & Ev.) Hermanides-Nijhof: anthracnose
Syn.: *Kabatiella apocrypta* (Ell. & Ev.) v. Arx
Syn.: *Gloeosporium apocryptum* Ell. & Ev.
Disease Rating: 2
Loc.: NW (2), NE (12), AL (18), E (21), C (29), SW (31)

Bjerkandera adusta (Willd. : Fr.) P. Karsten: scorched conk fungus
Syn.: *Polyporus adustus* (Willd. : Fr.) Fr.
Disease Rating: 4
Loc.: SW (2)

Botryodiplodia sp.: twig canker
Disease Rating: 3
Loc.: NE (1)

Capnodium sp.: sooty mold
Disease Rating: 4
Loc.: SW (1)

Cephalosporium sp.: Cephalosporium wilt
Disease Rating: 2
Loc.: AL (1), C (2), SW (1)

Cerrena unicolor (Bull. : Fr.) Murrill: mossy-maze polypore
Syn.: *Daedalea unicolor* (Bull. : Fr.) Fr.
Disease Rating: 3
Loc.: NE (1), E (1), C (3), SW (1)

Acer saccharum Marsh., sugar maple

Cladosporium sp.: leaf spot
Syn.: *Hormodendrum* sp.
Disease Rating: 3
Loc.: NE (2), C (1), SW (1)

Colletotrichum sp.: Colletotrichum
Disease Rating: 3
Loc.: NW (1)

Coniothyrium sp.: twig canker
Disease Rating: 4
Loc.: AL (1), E (1)

Corticium sp.: white spongy rot
Disease Rating: 2
Loc.: E (1), C (1), SW (1)

Cryptodiaporthe acerinum J. Reid & Cain: branch canker
Disease Rating: 4
Loc.: SW (1)

Cryptodiaporthe hystrix (Tode : Fr.) Petrak: Diplodia leaf spot
Anamorph: *Diplodina acerina* (Pass.) B. Sutton
Syn.: *Discella acerina* (Pass.) v. Arx
Disease Rating: 3
Loc.: AL (1), C (2), SW (4)

Cytospora sp.: Cytospora canker
Disease Rating: 3
Loc.: NE (2), AL (4), E (3), C (10), SW (12)

Cytosporella sp.: Cytosporella canker
Disease Rating: 4
Loc.: E (1)

Dendrophoma sp.: Dendrophoma wood colonizer
Disease Rating: 4
Loc.: NE (1)

Dermea acerina (Peck) Rehm: Dermea twig canker
Anamorph: *Sphaeronema acerinum* Peck
Disease Rating: 4
Loc.: NE (1), E (1)

Diaporthe dubia Nitschke: canker dieback
Anamorph: *Phomopsis* sp.
Disease Rating: 3
Loc.: NE (2)

Acer saccharum Marsh., sugar maple

Diatrypella sp.: dead-branch colonizer
Disease Rating: 4
Loc.: NE (1), SW (1)

Diplodia sp.: Diplodia twig dieback
Disease Rating: 3
Loc.: AL (1), E (1), C (1)

Discula campestris (Pass.) v. Arx: anthracnose
Syn.: *Gloeosporium campestrae* Pass.
Disease Rating: 3
Loc.: NE (5), AL (5), E (1), C (9), SW (6)

Eutypella parasitica Davidson & Lorenz: Eutypella canker
Disease Rating: 2
Loc.: NE (15), AL (31), E (5), C (10), SW (7)

Fomes fomentarius (L. : Fr.) Kickx: tinder fungus
Disease Rating: 4
Loc.: NE (1), AL (1), E (1)

Ganoderma applanatum (Pers.) Pat.: artist's conk
Syn.: *Fomes applanatus* (Pers.) C. Gillet
Syn.: *Polyporus applanatus* (Pers.) Wallr.
Disease Rating: 4
Loc.: NE (1), AL (1), C (3), SW (1)

Geniculosporium sp.: bark canker
Disease Rating: 3
Loc.: E (1)

Hericium americanum Ginns: bear's-head tooth fungus
Disease Rating: 4
Loc.: AL (1)

Hymenochaete tabacina (Sow. : Fr.) Lév.: tabacina wood rot
Disease Rating: 3
Loc.: AL (1)

Inonotus glomeratus (Peck) Murrill: sterile conk fungus
Syn.: *Polyporus glomeratus* Peck
Disease Rating: 3
Loc.: AL (1)

Irpex lacteus (Fr. : Fr.) Fr.: white-toothed polypore
Syn.: *Polyporus tulipiferae* (Schwein.) Overh.
Syn.: *Irpex tulipiferae* (Schwein.) Schwein.
Disease Rating: 4
Loc.: AL (1), C (1)

Acer saccharum Marsh., sugar maple

Ischnoderma resinosum (Schrad. : Fr.) P. Karsten: resinosus polypore
Syn.: *Polyporus resinosus* (Schrad. : Fr.) Fr.
Disease Rating: 4
Loc.: C (1)

Macrophoma sp.: leaf spot
Disease Rating: 3
Loc.: C (1)

Marssonina sp.: Marssonina leaf spot
Disease Rating: 3
Loc.: SW (1)

Massaria inquinans (Tode : Fr.) de Not.: dirty branch canker
Disease Rating: 4
Loc.: NE (1), C (1), SW (1)

Nectria cinnabarina (Tode : Fr.) Fr.: Nectria canker
Anamorph: *Tuberculatia vulgaris* Tode : Fr.
Disease Rating: 2
Loc.: NE (6), AL (1), E (7), C (5), SW (2)

Nectria galligena Bres.: target canker
Disease Rating: 2
Loc.: NE (1), SW (1)

Oxyporus populinus (Schumacher : Fr.) Donk: white spongy rot
Syn.: *Fomes connatus* (Weinm.) C. Gillet
Disease Rating: 4
Loc.: NE (4), AL (10), E (1), C (6), SW (2)

Phellinus conchatus (Pers. : Fr.) Quélet: moss-covered Phellinus
Syn.: *Fomes conchatus* (Pers. : Fr.) Gillet
Disease Rating: 4
Loc.: SW (1)

Phellinus igniarius (L. : Fr.) Quélet: false tinder fungus
Syn.: *Fomes igniarius* (L. : Fr.) Kickx
Disease Rating: 1
Loc.: NE (1), AL (2), C (1), SW (1)

Pholiota adiposa (Fr.) Kummer: fat Pholiota
Syn.: *Pholiota aurivella* (Batsch : Fr.) Kummer
Disease Rating: 4
Loc.: NE (1)

Phomopsis sp.: Phomopsis blight
Disease Rating: 3
Loc.: E (2)

Acer saccharum Marsh., sugar maple

Phyllosticta minima (Berk. & M.A. Curtis) Underw. & Earle: purple-bordered leaf spot
Syn.: *Phyllosticta acericola* Cooke & Ell.
Disease Rating: 3
Loc.: NE (3), AL (3), E (1), C (1), SW (4)

Rhytisma acerinum (Pers. : Fr.) Fr.: tar spot
Anamorph: *Melasmia acerina* Lév.
Disease Rating: 3
Loc.: NE (1)

Rhytisma punctatum (Pers. : Fr.) Fr.: speckled tar spot
Anamorph: *Melasmia punctata* Sacc. & Roum.
Disease Rating: 3
Loc.: NE (1), AL (1)

Schizophyllum commune Fr. : Fr.: split gill
Disease Rating: 3
Loc.: NE (1), E (3)

Septoria aceris (Lib.) Berk. & Broome: Septoria leaf spot
Disease Rating: 3
Loc.: NE (1)

Sphaeropsis sp.: Sphaeropsis dieback
Disease Rating: 3
Loc.: NE (1), E (1), C (1)

Stegonsporium sp.: maple twig fungus
Disease Rating: 4
Loc.: NE (1), AL (1), E (6), C (7), SW (5)

Stegonsporium pyriforme (Hoffm. : Fr.) Corda: maple twig fungus
Syn.: *Stilbospora ovata* Pers.
Syn.: *Stegonsporium ovatum* (Pers.) S. Hughes
Disease Rating: 4
Loc.: NE (8), AL (4), E (17), C (27), SW (13)

Trametes versicolor (L. : Fr.) Pilát: turkey tail
Syn.: *Coriolus versicolor* (L. : Fr.) Quélet
Syn.: *Polyporus versicolor* L. : Fr.
Disease Rating: 4
Loc.: NE (1), AL (1)

Ustilina deusta (Hoffm. : Fr.) Lind: coal fungus
Syn.: *Hypoxylon deustum* (Hoffm. : Fr.) Grev.
Disease Rating: 3
Loc.: NE (1), E (1), SW (2)

Acer saccharum Marsh., sugar maple

Valsa sordida Nitschke: golden-tendril Cytospora
Anamorph: *Cytospora chrysosperma* (Pers. : Fr.) Fr.
Disease Rating: 3
Loc.: E (1)

Verticillium sp.: Verticillium wilt
Disease Rating: 1
Loc.: AL (2), E (7), C (7), SW (4)

Verticillium albo-atrum Reinke & Berth.: Verticillium wilt
Disease Rating: 1
Loc.: E (2), C (3), SW (2)

Verticillium dahliae Kleb.: Verticillium wilt
Disease Rating: 1
Loc.: AL (1), E (1), C (2), SW (1)

Xylaria polymorpha (Pers. : Fr.) Grev.: dead-man's fingers
Disease Rating: 3
Loc.: C (1)

Acer spicatum Lam., mountain maple

Apiognomonia errabunda (Roberge) Höhnel: anthracnose
Syn.: *Gnomonia errabunda* (Roberge) Auersw.
Syn.: *Gnomonia quercina* Kleb.
Anamorph: *Discula umbrinella* (Berk. & Broome) Morelet
Syn.: *Gloeosporium umbrinellum* Berk. & Broome
Disease Rating: 2
Loc.: NE (1)

Cytospora sp.: Cytospora canker
Disease Rating: 3
Loc.: E (1), SW (1)

Hymenochaete agglutinans Ellis: the gluer
Disease Rating: 3
Loc.: N (1)

Hymenochaete tabacina (Sow. : Fr.) Lév.: tabacina wood rot
Disease Rating: 3
Loc.: NC (1)

Phyllosticta minima (Berk. & M.A. Curtis) Underw. & Earle: purple-bordered leaf spot
Syn.: *Phyllosticta acericola* Cooke & Ell.
Disease Rating: 3
Loc.: SW (1)

Rhytisma punctatum (Pers. : Fr.) Fr.: speckled tar spot
Anamorph: *Melasmia punctata* Sacc. & Roum.
Disease Rating: 3
Loc.: NW (1), NC (3), N (12), NE (4)

Uncinula circinata Cooke & Peck: powdery mildew
Disease Rating: 2
Loc.: N (1)

Ustilina deusta (Hoffm. : Fr.) Lind: coal fungus
Syn.: *Hypoxylon deustum* (Hoffm. : Fr.) Grev.
Disease Rating: 3
Loc.: N (1)

Betula spp., birch

Cytospora sp.: Cytospora canker
Disease Rating: 3
Loc.: NE (1)

Daedaleopsis confragosa (Bolt. : Fr.) Schröter: curry comb
Syn.: Daedalea confragosa (Bolt. : Fr.) Fr.
Disease Rating: 4
Loc.: NE (1)

Discula betulina (Westend.) v. Arx: anthracnose
Syn.: *Gloeosporium betulinum* Westend.
Disease Rating: 3
Loc.: NE (1), C (1)

Fomitopsis pinicola (Swartz : Fr.) P. Karsten: red-belt fungus
Syn.: *Fomes pinicola* (Swartz : Fr.) Cooke
Disease Rating: 4
Loc.: NE (1)

Ganoderma applanatum (Pers.) Pat.: artist's conk
Syn.: *Fomes applanatus* (Pers.) C. Gillet
Syn.: *Polyporus applanatus* (Pers.) Wallr.
Disease Rating: 4
Loc.: NE (1)

Ganoderma lucidum (W. Curtis : Fr.) P. Karsten: lacquer conk
Syn.: *Ganoderma curtisii* (Berk.) Murrill
Disease Rating: 4
Loc.: NE (1)

Gelatinosporium sp.: branch canker
Disease Rating: 3
Loc.: NE (1)

Melanconis stilbostoma (Fr. : Fr.) Tul.: bicolor canker of birch
Anamorph: *Melanconium bicolor* Nees : Fr.
Disease Rating: 3
Loc.: NE (1), SW (1)

Phoma sp.: Phoma canker
Disease Rating: 3
Loc.: NE (1)

Piptoporus betulinus (Bull. : Fr.) P. Karsten: birch conk
Syn.: *Polyporus betulinus* (Bull. : Fr.) Fr.
Disease Rating: 4
Loc.: NE (1)

Betula spp., birch

Septoria betulae Pass.: leaf spot
Syn.: *Septoria betulicola* Peck
Disease Rating: 3
Loc.: NE (1), C (1)

Trametes hirsuta (Wulfen : Fr.) Pilát: hairy conk
Syn.: *Coriolus hirsutus* (Wulfen : Fr.) Quélet
Syn.: *Polyporus hirsutus* Wulfen : Fr.
Disease Rating: 4
Loc.: NE (1)

Winterella betulae (Tul. & C. Tul.) Kuntze: branch canker
Syn.: *Ophiovalsa betulae* (Tul. & C. Tul.)
Syn.: *Cytospora betulae* Tul. & C. Tul.
Disease Rating: 4
Loc.: N (1)

Betula alleghaniensis Britton, yellow birch

Ascochyta sp.: Ascochyta
Disease Rating: 3
Loc.: NE (1)

Asterosporium betulinum Peck: birch twig fungus
Disease Rating: 4
Loc.: NE (3), AL (1)

Chapeckia nigrospora (Peck) Barr: blackened branch canker
Syn.: *Melanconis nigrospora* (Peck) Wehmeyer
Disease Rating: 3
Loc.: SW (1)

Cytospora sp.: Cytospora canker
Disease Rating: 3
Loc.: NE (2)

Cytosporium sp.: Cytosporium wood colonizer
Disease Rating: 4
Loc.: NE (2)

Diaporthe sp.: twig canker
Disease Rating: 3
Loc.: NE (1)

Diatrypella sp.: dead-branch colonizer
Disease Rating: 4
Loc.: NE (2)

Diatrypella betulina (Peck) Sacc.: dead-limb Diatrypella
Disease Rating: 4
Loc.: NE (2)

Discula betulina (Westend.) v. Arx: anthracnose
Syn.: *Gloeosporium betulinum* Westend.
Disease Rating: 3
Loc.: NE (2)

Fomes fomentarius (L. : Fr.) Kickx: tinder fungus
Disease Rating: 4
Loc.: NE (1)

Gelatinosporium sp.: branch canker
Disease Rating: 3
Loc.: NE (4)

Betula alleghaniensis Britton, yellow birch

Libertella sp.: wood-colonizing Libertella
Disease Rating: 4
Loc.: NE (2)

Melanconis stilbostoma (Fr. : Fr.) Tul.: bicolor canker of birch
Anamorph: _Melanconium bicolor_ Nees : Fr.
Disease Rating: 3
Loc.: NE (12)

Nectria galligena Bres.: target canker
Disease Rating: 2
Loc.: NE (1)

Ophiovalsa suffusa (Fr. : Fr.) Petrak: twig canker
Anamorph: _Disculina betulina_ (Sacc.) Höhnel
Syn.: _Cryptosporium neesii_ Corda
Disease Rating: 4
Loc.: NE (1)

Phellinus ferruginosus (Schrader : Fr.) Pat.: white laminated rotter
Syn.: _Poria ferruginosa_ (Schrader : Fr.) P. Karsten
Disease Rating: 4
Loc.: NE (1)

Phellinus igniarius (L. : Fr.) Quélet: false tinder fungus
Syn.: _Fomes igniarius_ (L. : Fr.) Kickx
Disease Rating: 1
Loc.: NE (1)

Pholiota squarrosoides (Peck) Sacc.: sharp-scaled Pholiota
Disease Rating: 4
Loc.: NE (1)

Phoma sp.: Phoma canker
Disease Rating: 3
Loc.: NE (2)

Phomopsis sp.: Phomopsis blight
Disease Rating: 3
Loc.: NE (1)

Septoria betulae Pass.: leaf spot
Syn.: _Septoria betulicola_ Peck
Disease Rating: 3
Loc.: NE (1)

Valsaria insitiva (Tode : Fr.) Ces. & de Not.: long-necked Valsaria
Disease Rating: 4
Loc.: SW (1)

Betula alleghaniensis **Britton, yellow birch**

Verticillium sp.: Verticillium wilt
Disease Rating: 1
Loc.: NE (1)

Betula caerulea-grandis **Blanch., blueleaf birch**

Marssonina betulae (Lib.) Magnus: Marssonina leaf spot on birch
Disease Rating: 3
Loc.: SW (1)

Stereum sp.: Stereum wood rotter
Disease Rating: 3
Loc.: SW (1)

Betula glandulosa **Michx., dwarf birch**

Marssonina betulae (Lib.) Magnus: Marssonina leaf spot on birch
Disease Rating: 3
Loc.: C (1)

Betula papyrifera Marsh., white birch

Aposphaeria sp.: Aposphaeria
Disease Rating: 4
Loc.: NE (1)

Armillaria mellea (Vahl : Fr.) Kummer: Armillaria root rot
Syn.: *Armillariella mellea* (Vahl : Fr.) P. Karsten
Disease Rating: 1
Loc.: NW (1)

Asteroma microspermum (Peck) B. Sutton: leaf spot
Syn.: *Cylindrosporella microsperma* (Peck) Petrak
Disease Rating: 3
Loc.: NE (1), AL (1)

Asterosporium betulinum Peck: birch twig fungus
Disease Rating: 4
Loc.: SW (1)

Atopospora betulina (Fr. : Fr.) Petrak: black speckled leaf spot
Disease Rating: 3
Loc.: NW (4), NC (1)

Aureobasidium sp.: leaf spot
Syn.: *Kabatiella* sp.
Disease Rating: 3
Loc.: NW (1)

Cephalosporium sp.: Cephalosporium wilt
Disease Rating: 2
Loc.: NE (1)

Ceratocystis sp.: blue stain
Disease Rating: 3
Loc.: N (1)

Cerrena unicolor (Bull. : Fr.) Murrill: mossy-maze polypore
Syn.: *Daedalea unicolor* (Bull. : Fr.) Fr.
Disease Rating: 3
Loc.: N (1)

Cladosporium sp.: leaf spot
Syn.: *Hormodendrum* sp.
Disease Rating: 3
Loc.: E (1)

Coniothyrium sp.: twig canker
Disease Rating: 4
Loc.: NE (1)

Betula papyrifera Marsh., white birch

Cylindrosporium sp.: Cylindrosporium leaf spot
Disease Rating: 3
Loc.: NW (1), N (1), NE (2)

Cytospora sp.: Cytospora canker
Disease Rating: 3
Loc.: C (1)

Cytosporium sp.: Cytosporium wood colonizer
Disease Rating: 4
Loc.: NE (1)

Daedaleopsis confragosa (Bolt. : Fr.) Schröter: curry comb
Syn.: Daedalea confragosa (Bolt. : Fr.) Fr.
Disease Rating: 4
Loc.: C (1)

Daldinia concentrica (Bolt. : Fr.) Ces. & de Not.: calico wood fungus
Disease Rating: 4
Loc.: NE (1)

Diatrypella sp.: dead-branch colonizer
Disease Rating: 4
Loc.: C (1), SW (1)

Diatrypella betulina (Peck) Sacc.: dead-limb Diatrypella
Disease Rating: 4
Loc.: NC (1), C (1), SW (2)

Diatrypella favacea (Fr. : Fr.) Ces. & de Not.: dead-limb Diatrypella
Disease Rating: 4
Loc.: C (1)

Dichomera sp.: dead-branch Dichomera
Disease Rating: 4
Loc.: SW (1)

Discula betulina (Westend.) v. Arx: anthracnose
Syn.: *Gloeosporium betulinum* Westend.
Disease Rating: 3
Loc.: NC (1), N (3), NE (2), AL (3), E (1), C (3), SW (1)

Dothiorella sp.: branch canker
Disease Rating: 3
Loc.: NW (2)

Betula papyrifera Marsh., white birch

Fomes fomentarius (L. : Fr.) Kickx: tinder fungus
Disease Rating: 4
Loc.: NW (7), N (3), NE (2), C (1)

Ganoderma applanatum (Pers.) Pat.: artist's conk
Syn.: *Fomes applanatus* (Pers.) C. Gillet
Syn.: *Polyporus applanatus* (Pers.) Wallr.
Disease Rating: 4
Loc.: NW (1)

Gnomonia sp.: leaf spot
Disease Rating: 3
Loc.: NW (4), NE (1)

Godronia cassandrae Peck f. sp. *betulicola* Groves: Godronia canker
Disease Rating: 1
Loc.: NE (1)

Hemimyriangium betulae J. Reid & Piroz.: gum colonizer on birch
Disease Rating: 4
Loc.: NW (2), NC (2), E (1)

Inonotus obliquus (Pers. : Fr.) Pilát: clinker polypore
Syn.: *Poria obliqua* (Pers. : Fr.) P. Karsten
Disease Rating: 3
Loc.: NW (3), N (4), NE (1), AL (1), SW (1)

Lenzites betulina (L. : Fr.) Fr.: little birch shelf
Disease Rating: 4
Loc.: N (2)

Libertella sp.: wood-colonizing Libertella
Disease Rating: 4
Loc.: NW (1), NE (1)

Melampsoridium betulinum Kleb.: birch rust
Syn.: *Melampsora betulina* Winter
Disease Rating: 3
Loc.: NC (4), C (1)

Melanconis stilbostoma (Fr. : Fr.) Tul.: bicolor canker of birch
Anamorph: *Melanconium bicolor* Nees : Fr.
Disease Rating: 3
Loc.: NC (1), NE (5), E (1), C (1)

Nectria cinnabarina (Tode : Fr.) Fr.: Nectria canker
Anamorph: *Tubercularia vulgaris* Tode : Fr.
Disease Rating: 2
Loc.: NE (1)

Betula papyrifera Marsh., white birch

Phellinus igniarius (L. : Fr.) Quélet: false tinder fungus
Syn.: *Fomes igniarius* (L. : Fr.) Kickx
Disease Rating: 1
Loc.: NC (1), N (2), NE (1), C (1)

Phoma sp.: Phoma canker
Disease Rating: 3
Loc.: NE (1)

Phyllactinia guttata (Wallr. : Fr.) Lév.: powdery mildew
Syn.: *Phyllactinia corylea* (Pers.) P. Karsten
Disease Rating: 2
Loc.: NW (1), N (1), C (1)

Piptoporus betulinus (Bull. : Fr.) P. Karsten: birch conk
Syn.: *Polyporus betulinus* (Bull. : Fr.) Fr.
Disease Rating: 4
Loc.: NW (2), N (1), NE (2), AL (2)

Pleurotus ostreatus (Jacq. : Fr.) Kummer: oyster-shell fungus
Disease Rating: 4
Loc.: AL (1)

Septoria betulae Pass.: leaf spot
Syn.: *Septoria betulicola* Peck
Disease Rating: 3
Loc.: NC (4), NE (10), AL (5), E (1)

Trametes pubescens (Schumacher : Fr.) Pilát: pubescent conk
Syn.: *Coriolus pubescens* (Schumacher : Fr.) Quélet
Syn.: *Polyporus pubescens* Schumacher : Fr.
Disease Rating: 4
Loc.: NE (1)

Winterella betulae (Tul. & C. Tul.) Kuntze: branch canker
Syn.: *Ophiovalsa betulae* (Tul. & C. Tul.)
Syn.: *Cytospora betulae* Tul. & C. Tul.
Disease Rating: 4
Loc.: C (1)

Betula papyrifera Marsh. var. pensilis Fern., pendant birch

Ascochyta sp.: Ascochyta
Disease Rating: 3
Loc.: NE (1)

Melanconis stilbostoma (Fr. : Fr.) Tul.: bicolor canker of birch
Anamorph: *Melanconium bicolor* Nees : Fr.
Disease Rating: 3
Loc.: E (1)

Betula pendula Roth, weeping birch

Cylindrosporium sp.: Cylindrosporium leaf spot
Disease Rating: 3
Loc.: C (1)

Libertella sp.: wood-colonizing Libertella
Disease Rating: 4
Loc.: NE (1)

Melanconis stilbostoma (Fr. : Fr.) Tul.: bicolor canker of birch
Anamorph: *Melanconium bicolor* Nees : Fr.
Disease Rating: 3
Loc.: C (1)

Nectria cinnabarina (Tode : Fr.) Fr.: Nectria canker
Anamorph: *Tuberculariа vulgaris* Tode : Fr.
Disease Rating: 2
Loc.: C (1)

Ophiovalsa suffusa (Fr. : Fr.) Petrak: twig canker
Anamorph: *Disculina betulina* (Sacc.) Höhnel
Syn.: *Cryptosporium neesii* Corda
Disease Rating: 4
Loc.: NE (1)

Winterella betulae (Tul. & C. Tul.) Kuntze: branch canker
Syn.: *Ophiovalsa betulae* (Tul. & C. Tul.)
Syn.: *Cytospora betulae* Tul. & C. Tul.
Disease Rating: 4
Loc.: NE (1)

Betula populifolia Marsh., gray birch

Melampsoridium betulinum Kleb.: birch rust
Syn: *Melampsora betulina* Winter
Disease Rating: 3
Loc.: E (1)

Populus spp., poplar

Aureobasidium sp.: leaf spot
Syn.: *Kabatiella* sp.
Disease Rating: 3
Loc.: E (1)

Bjerkandera adusta (Willd. : Fr.) P. Karsten: scorched conk fungus
Syn.: *Polyporus adustus* (Willd. : Fr.) Fr.
Disease Rating: 4
Loc.: NE (1), E (1)

Cephalosporium sp.: Cephalosporium wilt
Disease Rating: 2
Loc.: E (1)

Ciborinia whetzelii (Seaver) Seaver: ink spot of aspen
Disease Rating: 2
Loc.: NC (1), N (1), NE (2), AL (4), E (1)

Cladosporium sp.: leaf spot
Syn.: *Hormodendrum* sp.
Disease Rating: 3
Loc.: E (1), SW (1)

Cryptodisporthe populea (Sacc.) Butin: Dothichiza canker
Anamorph: *Discosporium populeum* (Sacc.) B. Sutton
Syn.: *Dothichiza populea* Sacc. & Briard
Disease Rating: 1
Loc.: NW (1), E (6), C (1), SW (2)

Cytospora sp.: Cytospora canker
Disease Rating: 3
Loc.: NC (1), NE (4), AL (6), E (6), C (2)

Drepanopeziza populorum (Desm.) Höhnel: poplar leaf spot
Anamorph: *Marssonina populi* (Lib.) Magnus
Syn.: *Gloeosporium populi* (Lib.) Mont. & Desm.
Disease Rating: 3
Loc.: E (2), C (3), SW (1)

Encoelia fascicularis (Alb. & Schwein. : Fr.) P. Karsten: poplar twig Encoelia
Syn.: *Phibalis fascicularis* (Alb. & Schwein. : Fr.) Wallr.
Syn.: *Cenangium populneum* (Pers.) Rehm
Disease Rating: 4
Loc.: E (1)

Populus spp., poplar

Gloeosporium sp.: anthracnose
Disease Rating: 2
Loc.: AL (3), E (3), SW (1)

Glomerella cingulata (Stoneman) Spauld. & Schrenk: twig dieback
Anamorph: *Colletotrichum gloeosporioides* (Penz.) Penz. & Sacc.
Disease Rating: 3
Loc.: E (1)

Hericium americanum Ginns: bear's-head tooth fungus
Disease Rating: 4
Loc.: E (1)

Hypoxylon mammatum (Wahlenb.) P. Karsten: Hypoxylon canker
Syn.: *Hypoxylon pruinatum* (Klotzch) Cooke
Disease Rating: 1
Loc.: NW (1), NC (1), NE (2)

Irpex lacteus (Fr. : Fr.) Fr.: white-toothed polypore
Syn.: *Polyporus tulipiferae* (Schwein.) Overh.
Syn.: *Irpex tulipiferae* (Schwein.) Schwein.
Disease Rating: 4
Loc.: E (1)

Keissleriella emergens (P. Karsten) Bose: rough-bark fungus
Anamorph: *Diplodia tumefaciens* (Shear) Zalasky
Syn.: *Macrophoma tumefaciens* Shear
Disease Rating: 3
Loc.: E (3)

Leucostoma nivea (Hoffm. : Fr.) Höhnel: Cytospora canker
Syn.: *Valsa nivea* (Hoffm. : Fr.) Fr.
Anamorph: *Cytospora nivea* Sacc.
Disease Rating: 3
Loc.: AL (1), E (8)

Libertella sp.: wood-colonizing Libertella
Disease Rating: 4
Loc.: C (1)

Marssonina sp.: Marssonina leaf spot
Disease Rating: 3
Loc.: NE (1), E (3)

Populus spp., poplar

Marssonina tremulae (Lib.) Kleb.: poplar Marssonina
Syn.: *Marssonina brunnea* (Ell. & Ev.) Magnus
Syn.: *Gloeosporium brunneum* Ell. & Ev.
Disease Rating: 3
Loc.: AL (3), E (10), C (2), SW (1)

Melampsora medusae Thüm.: conifer-aspen rust
Disease Rating: 2
Loc.: N (1), AL (1), E (9), C (1)

Melanconium sp.: branch canker
Disease Rating: 3
Loc.: E (1)

Mycosphaerella populicola G.E. Thompson: Septoria leaf spot
Anamorph: *Septoria populicola* Peck
Disease Rating: 2
Loc.: NW (1), NE (1), E (1)

Mycosphaerella populorum G.E. Thompson: Septoria leaf spot
Anamorph: *Septoria musiva* Peck
Disease Rating: 2
Loc.: N (1), E (1), SW (1)

Peniophora rufa (Fr. : Fr.) Boidin: red Peniophora
Syn.: *Cryptochaete rufa* (Fr. : Fr.) P. Karsten
Disease Rating: 4
Loc.: NE (2)

Phellinus tremulae (Bondartsev) Bondartsev & Borisov: false tinder fungus
Syn.: *Fomes igniarius* (L. : Fr.) Kickx f. sp. *tremulae* Bondartsev
Disease Rating: 4
Loc.: NW (1), NE (1)

Phyllosticta sp.: leaf spot
Disease Rating: 3
Loc.: AL (3)

Pleurotus ostreatus (Jacq. : Fr.) Kummer: oyster-shell fungus
Disease Rating: 4
Loc.: NE (1)

Radulodon americanus Ryv.: white spongy rot
Disease Rating: 3
Loc.: NC (1)

Populus spp., poplar

Trichaptum biforme (Fr.) Ryv.: violet-toothed polypore
Syn.: *Polyporus biformis* Fr.
Syn.: *Polystictus pargamenus* (Fr.) Fr.
Disease Rating: 4
Loc.: NE (1)

Uncinula adunca (Wallr. : Fr.) Lév.: powdery mildew
Syn.: *Uncinula salicis* (DC.) Winter
Disease Rating: 2
Loc.: N (1), NE (2)

Valsa sp.: stem canker
Disease Rating: 3
Loc.: SW (1)

Valsa sordida Nitschke: golden-tendril Cytospora
Anamorph: *Cytospora chrysosperma* (Pers. : Fr.) Fr.
Disease Rating: 3
Loc.: NC (1), N (1), AL (5), E (13), C (5), SW (1)

Venturia macularis (Fr. : Fr.) E. Müller & v. Arx: shoot blight of aspen
Syn.: *Sphaeria macularis* Fr.
Syn.: *Venturia tremulae* Aderh.
Anamorph: *Pollacia radiosa* (Lib.) Bald. & Cif.
Disease Rating: 2
Loc.: NW (2), NC (2), NE (2), E (2)

Verticillium sp.: Verticillium wilt
Disease Rating: 1
Loc.: E (1)

Populus alba L., silver poplar

Agrobacterium tumefaciens (Smith & Townsend) Conn: crown gall
Disease Rating: 1
Loc.: C (2)

Cryptodiaporthe populea (Sacc.) Butin: Dothichiza canker
Anamorph: *Discosporium populeum* (Sacc.) B. Sutton
Syn.: *Dothichiza populea* Sacc. & Briard
Disease Rating: 1
Loc.: SW (1)

Cytospora sp.: Cytospora canker
Disease Rating: 3
Loc.: NC (1)

Cytosporella sp.: Cytosporella canker
Disease Rating: 4
Loc.: SW (1)

Drepanopeziza populi-albae (Kleb.) Nannf.: white poplar leaf spot
Anamorph: *Marssonina castagnei* (Desm. & Mont.) Magnus
Syn.: *Gloeosporium castagnei* Desm. & Mont.
Disease Rating: 3
Loc.: AL (2), E (1), C (1), SW (1)

Inonotus glomeratus (Peck) Murrill: sterile conk fungus
Syn.: *Polyporus glomeratus* Peck
Disease Rating: 3
Loc.: NC (1)

Marssonina sp.: Marssonina leaf spot
Disease Rating: 3
Loc.: SW (1)

Melampsora medusae Thüm.: conifer-aspen rust
Disease Rating: 2
Loc.: AL (1)

Melanconium sp.: branch canker
Disease Rating: 3
Loc.: SW (1)

Valsa sordida Nitschke: golden-tendril Cytospora
Anamorph: *Cytospora chrysosperma* (Pers. : Fr.) Fr.
Disease Rating: 3
Loc.: AL (3)

Populus alba L., silver poplar

Venturia macularis (Fr. : Fr.) E. Müller & v. Arx: shoot blight of aspen
Syn.: *Sphaeria macularis* Fr.
Syn.: *Venturia tremulae* Aderh.
Anamorph: *Pollacia radiosa* (Lib.) Bald. & Cif.
Disease Rating: 2
Loc.: NE (1)

Populus balsamifera L., balsam poplar

Ciborinia whetzelii (Seaver) Seaver: ink spot of aspen
Disease Rating: 2
Loc.: SW (1)

Cryptodiaporthe populea (Sacc.) Butin: Dothichiza canker
Anamorph: *Discosporium populeum* (Sacc.) B. Sutton
Syn.: *Dothichiza populea* Sacc. & Briard
Disease Rating: 1
Loc.: C (1)

Cylindrosporium sp.: Cylindrosporium leaf spot
Disease Rating: 3
Loc.: NE (1), E (1)

Cytospora sp.: Cytospora canker
Disease Rating: 3
Loc.: E (1), C (2), SW (1)

Drepanopeziza populorum (Desm.) Höhnel: poplar leaf spot
Anamorph: *Marssonina populi* (Lib.) Magnus
Syn.: *Gloeosporium populi* (Lib.) Mont. & Desm.
Disease Rating: 3
Loc.: NC (1), AL (1), E (1), C (2)

Gloeophyllum trabeum (Pers. : Fr.) Murrill: forest-products Lenzites
Syn.: *Lenzites trabea* (Pers. : Fr.) Fr.
Disease Rating: 4
Loc.: NE (1)

Gloeosporium sp.: anthracnose
Disease Rating: 2
Loc.: NW (1)

Glomerella cingulata Stoneman) Spauld. & Schrenk: twig dieback
Anamorph: *Colletotrichum gloeosporioides* (Penz.) Penz. & Sacc.
Disease Rating: 3
Loc.: N (1)

Keissleriella emergens (P. Karsten) Bose: rough-bark fungus
Anamorph: *Diplodia tumefaciens* (Shear) Zalasky
Syn.: *Macrophoma tumefaciens* Shear
Disease Rating: 3
Loc.: NW (1), NC (1)

Linospora tetraspora G.E. Thompson: Linospora leaf blight
Disease Rating: 3
Loc.: NW (4), NC (6), N (21), AL (10), E (8), C (3), SW (1)

***Populus balsamifera* L., balsam poplar**

Melampsora medusae Thüm.: conifer-aspen rust
Disease Rating: 2
Loc.: AL (1)

Melanconium sp.: branch canker
Disease Rating: 3
Loc.: N (1)

Mycosphaerella populicola G.E. Thompson: Septoria leaf spot
Anamorph: *Septoria populicola* Peck
Disease Rating: 2
Loc.: NW (14), NC (19), N (22), NE (5), AL (8), E (10), C (17), SW (4)

Mycosphaerella populorum G.E. Thompson: Septoria leaf spot
Anamorph: *Septoria musiva* Peck
Disease Rating: 2
Loc.: NW (1), NC (5), N (7), NE (1), AL (4), E (3), C (1)

Phyllosticta sp.: leaf spot
Disease Rating: 3
Loc.: AL (1), C (1)

Pseudocercospora salicina (Ell. & Ev.) Deighton: Cercospora leaf spot
Syn.: *Cercospora salicina* Ell. & Ev.
Disease Rating: 3
Loc.: NW (1)

Septoria sp.: Septoria leaf spot
Disease Rating: 3
Loc.: NW (1), NC (1), N (3), NE (3), AL (1), C (3), SW (1)

Uncinula adunca (Wallr. : Fr.) Lév.: powdery mildew
Syn.: *Uncinula salicis* (DC.) Winter
Disease Rating: 2
Loc.: NW (1), NC (1), N (5), NE (3), AL (5), E (3), C (6), SW (1)

Valsa sp.: stem canker
Disease Rating: 3
Loc.: NC (1), SW (1)

Valsa sordida Nitschke: golden-tendril Cytospora
Anamorph: *Cytospora chrysosperma* (Pers. : Fr.) Fr.
Disease Rating: 3
Loc.: N (3), NE (3), AL (1), C (3), SW (2)

Populus balsamifera L., balsam poplar

Venturia populina (Vuill.) Fabricius: shoot blight
Anamorph: *Pollacia elegans* Servazzi
Disease Rating: 2
Loc.: NW (11), NC (8), N (19), NE (8), AL (7), E (1), SW (3)

Populus X _canadensis_ Moench, Carolina poplar

Cephalosporium sp.: Cephalosporium wilt
Disease Rating: 2
Loc.: AL (1)

Ciborinia whetzelii (Seaver) Seaver: ink spot of aspen
Disease Rating: 2
Loc.: SW (1)

Cryptodiaporthe populea (Sacc.) Butin: Dothichiza canker
Anamorph: _Discosporium populeum_ (Sacc.) B. Sutton
Syn.: _Dothichiza populea_ Sacc. & Briard
Disease Rating: 1
Loc.: AL (3), E (2)

Cytospora sp.: Cytospora canker
Disease Rating: 3
Loc.: NW (1), NE (1)

Drepanopeziza populorum (Desm.) Höhnel: poplar leaf spot
Anamorph: _Marssonina populi_ (Lib.) Magnus
Syn.: _Gloeosporium populi_ (Lib.) Mont. & Desm.
Disease Rating: 3
Loc.: E (1), C (1)

Gloeosporium sp.: anthracnose
Disease Rating: 2
Loc.: SW (1)

Libertella sp.: wood-colonizing Libertella
Disease Rating: 4
Loc.: AL (1)

Mycosphaerella populorum G.E. Thompson: Septoria leaf spot
Anamorph: _Septoria musiva_ Peck
Disease Rating: 2
Loc.: SW (1)

Peniophora rufa (Fr. : Fr.) Boidin: red Peniophora
Syn.: _Cryptochaete rufa_ (Fr. : Fr.) P. Karsten
Disease Rating: 4
Loc.: E (1)

Phaeoramularia maculicola (Romell & Sacc.) B. Sutton: poplar leaf spot
Syn.: _Cladosporium subsessile_ Ell. & Barth.
Disease Rating: 3
Loc.: SW (1)

Populus X _canadensis_ Moench, Carolina poplar

Valsa sordida Nitschke: golden-tendril Cytospora
Anamorph: _Cytospora chrysosperma_ (Pers. : Fr.) Fr.
Disease Rating: 3
Loc.: AL (1), E (1), C (1)

Venturia macularis (Fr. : Fr.) E. Müller & v. Arx: shoot blight of aspen
Syn.: _Sphaeria macularis_ Fr.
Syn.: _Venturia tremulae_ Aderh.
Anamorph: _Pollacia radiosa_ (Lib.) Bald. & Cif.
Disease Rating: 2
Loc.: AL (1), E (3), SW (1)

Populus deltoides Bartr., eastern cottonwood

Melampsora medusae Thüm.: conifer-aspen rust
Disease Rating: 2
Loc.: AL (2), C (1), SW (2)

Mycosphaerella populicola G.E. Thompson: Septoria leaf spot
Anamorph: _Septoria populicola_ Peck
Disease Rating: 2
Loc.: SW (1)

Valsa sordida Nitschke: golden-tendril Cytospora
Anamorph: _Cytospora chrysosperma_ (Pers. : Fr.) Fr.
Disease Rating: 3
Loc.: AL (1), E (1)

Venturia macularis (Fr. : Fr.) E. Müller & v. Arx: shoot blight of aspen
Syn.: _Sphaeria macularis_ Fr.
Syn.: _Venturia tremulae_ Aderh.
Anamorph: _Pollacia radiosa_ (Lib.) Bald. & Cif.
Disease Rating: 2
Loc.: SW (1)

Populus grandidentata Michx., largetooth aspen

Aureobasidium sp.: leaf spot
Syn.: *Kabatiella* sp.
Disease Rating: 3
Loc.: AL (1)

Bjerkandera adusta (Willd. : Fr.) P. Karsten: scorched conk fungus
Syn.: *Polyporus adustus* (Willd. : Fr.) Fr.
Disease Rating: 4
Loc.: AL (1)

Cerrena unicolor (Bull. : Fr.) Murrill: mossy-maze polypore
Syn.: *Daedalea unicolor* (Bull. : Fr.) Fr.
Disease Rating: 3
Loc.: AL (1)

Coniothyrium sp.: twig canker
Disease Rating: 4
Loc.: SW (1)

Cytospora sp.: Cytospora canker
Disease Rating: 3
Loc.: AL (3), E (1), SW (2)

Daldinia concentrica (Bolt. : Fr.) Ces. & de Not.: calico wood fungus
Disease Rating: 4
Loc.: AL (1)

Drepanopeziza populorum (Desm.) Höhnel: poplar leaf spot
Anamorph: *Marssonina populi* (Lib.) Magnus
Syn.: *Gloeosporium populi* (Lib.) Mont. & Desm.
Disease Rating: 3
Loc.: C (1)

Encoelia pruinosa (Ell. & Ev.) Torkelson & Eckblad: black sooty bark canker
Syn.: *Phibalis pruinosa* (Ell. & Ev.) Kohn & Korf
Syn.: *Cenangium pruinosum* (Ell. & Ev.) Seaver
Disease Rating: 3
Loc.: AL (1)

Ganoderma applanatum (Pers.) Pat.: artist's conk
Syn.: *Fomes applanatus* (Pers.) C. Gillet
Syn.: *Polyporus applanatus* (Pers.) Wallr.
Disease Rating: 4
Loc.: NE (1)

Populus grandidentata Michx., largetooth aspen

Heterobasidion annosum (Fr.) Bref.: Fomes root rot
Syn.: *Fomes annosus* (Fr.) P. Karsten
Anamorph: *Spiniger meineckellus* (A. Olson) Stalpers
Disease Rating: 1
Loc.: C (1)

Hypoxylon mammatum (Wahlenb.) P. Karsten: Hypoxylon canker
Syn.: *Hypoxylon pruinatum* (Klotzch) Cooke
Disease Rating: 1
Loc.: E (1), SW (3)

Leucostoma nivea (Hoffm. : Fr.) Höhnel: Cytospora canker
Syn.: *Valsa nivea* (Hoffm. : Fr.) Fr.
Anamorph: *Cytospora nivea* Sacc.
Disease Rating: 3
Loc.: SW (1)

Marssonina sp.: Marssonina leaf spot
Disease Rating: 3
Loc.: AL (2)

Marssonina tremulae (Lib.) Kleb.: poplar Marssonina
Syn.: *Marssonina brunnea* (Ell. & Ev.) Magnus
Syn.: *Gloeosporium brunneum* Ell. & Ev.
Disease Rating: 3
Loc.: AL (1)

Melampsora abietis-canadensis C.A. Ludwig ex Arthur: hemlock-poplar rust
Disease Rating: 3
Loc.: E (3)

Mycosphaerella populorum G.E. Thompson: Septoria leaf spot
Anamorph: *Septoria musiva* Peck
Disease Rating: 2
Loc.: AL (1)

Nectria cinnabarina (Tode : Fr.) Fr.: Nectria canker
Anamorph: *Tubercularia vulgaris* Tode : Fr.
Disease Rating: 2
Loc.: SW (1)

Phellinus tremulae (Bondartsev) Bondartsev & Borisov: false tinder fungus
Syn.: *Fomes igniarius* (L. : Fr.) Kickx f. sp. *tremulae* Bondartsev
Disease Rating: 4
Loc.: AL (1), E (1)

Populus grandidentata Michx., largetooth aspen

Phomopsis sp.: Phomopsis blight
Disease Rating: 3
Loc.: AL (1)

Pleurotus ostreatus (Jacq. : Fr.) Kummer: oyster-shell fungus
Disease Rating: 4
Loc.: AL (1)

Septoria sp.: Septoria leaf spot
Disease Rating: 3
Loc.: AL (1)

Stereum sp.: Stereum wood rotter
Disease Rating: 3
Loc.: AL (1)

Trametes hirsuta (Wulfen : Fr.) Pilát: hairy conk
Syn.: *Coriolus hirsutus* (Wulfen : Fr.) Quélet
Syn.: *Polyporus hirsutus* Wulfen : Fr.
Disease Rating: 4
Loc.: AL (1)

Trametes pubescens (Schumacher : Fr.) Pilát: pubescent conk
Syn.: *Coriolus pubescens* (Schumacher : Fr.) Quélet
Syn.: *Polyporus pubescens* Schumacher : Fr.
Disease Rating: 4
Loc.: AL (1)

Trametes versicolor (L. : Fr.) Pilát: turkey tail
Syn.: *Coriolus versicolor* (L. : Fr.) Quélet
Syn.: *Polyporus versicolor* L. : Fr.
Disease Rating: 4
Loc.: AL (1)

Uncinula adunca (Wallr. : Fr.) Lév.: powdery mildew
Syn.: *Uncinula salicis* (DC.) Winter
Disease Rating: 2
Loc.: AL (1)

Valsa sp.: stem canker
Disease Rating: 3
Loc.: AL (1)

Valsa sordida Nitschke: golden-tendril Cytospora
Anamorph: *Cytospora chrysosperma* (Pers. : Fr.) Fr.
Disease Rating: 3
Loc.: SW (1)

Populus grandidentata Michx., largetooth aspen

Venturia macularis (Fr. : Fr.) E. Müller & v. Arx: shoot blight of aspen
Syn.: *Sphaeria macularis* Fr.
Syn.: *Venturia tremulae* Aderh.
Anamorph: *Pollacia radiosa* (Lib.) Bald. & Cif.
Disease Rating: 2
Loc.: NW (4), N(1), NE (12), AL (1), E (2), C (1), SW (4)

Populus nigra L. var. _italica_ Muenchh., Lombardy poplar

Ciborinia whetzelii (Seaver) Seaver: ink spot of aspen
Disease Rating: 2
Loc.: AL (2), C (1), SW(1)

Coniothyrium sp.: twig canker
Disease Rating: 4
Loc.: E(1)

Cryptodiaporthe populea (Sacc.) Butin: Dothichiza canker
Anamorph: _Discosporium populeum_ (Sacc.) B. Sutton
Syn.: _Dothichiza populea_ Sacc. & Briard
Disease Rating: 1
Loc.: N (1), AL (4), E (4), C (5), SW (3)

Cytospora sp.: Cytospora canker
Disease Rating: 3
Loc.: E (2), C (1), SW (1)

Leucostoma nivea (Hoffm. : Fr.) Höhnel: Cytospora canker
Syn.: _Valsa nivea_ (Hoffm. : Fr.) Fr.
Anamorph: _Cytospora nivea_ Sacc.
Disease Rating: 3
Loc.: N (1), C (3)

Melampsora medusae Thüm.: conifer-aspen rust
Disease Rating: 2
Loc.: NW (1)

Melanconium sp.: branch canker
Disease Rating: 3
Loc.: C (1)

Nectria cinnabarina (Tode : Fr.) Fr.: Nectria canker
Anamorph: _Tuberculariа vulgaris_ Tode : Fr.
Disease Rating: 2
Loc.: SW (1)

Valsa sordida Nitschke: golden-tendril Cytospora
Anamorph: _Cytospora chrysosperma_ (Pers. : Fr.) Fr.
Disease Rating: 3
Loc.: NW (1), AL (1), E (1), C (1)

Venturia macularis (Fr. : Fr.) E. Müller & v. Arx: shoot blight of aspen
Syn.: _Sphaeria macularis_ Fr.
Syn.: _Venturia tremulae_ Aderh.
Anamorph: _Pollacia radiosa_ (Lib.) Bald. & Cif.
Disease Rating: 2
Loc.: N (1), AL (1)

Populus tremuloides Michx., trembling aspen

Armillaria mellea (Vahl : Fr.) Kummer: Armillaria root rot
Syn.: *Armillariella mellea* (Vahl : Fr.) P. Karsten
Disease Rating: 1
Loc.: NC (2)

Asteroma sp.: leaf spot
Disease Rating: 2
Loc.: NC (1)

Bjerkandera adusta (Willd. : Fr.) P. Karsten: scorched conk fungus
Syn.: *Polyporus adustus* (Willd. : Fr.) Fr.
Disease Rating: 4
Loc.: NW (1)

Cephalosporium sp.: Cephalosporium wilt
Disease Rating: 2
Loc.: NE (1)

Ceratocystis fimbriata Ellis & Halsted: poplar target canker
Disease Rating: 2
Loc.: N (1)

Ciborinia whetzelii (Seaver) Seaver: ink spot of aspen
Disease Rating: 2
Loc.: NW (27), NC (43), N (128), NE (157), AL (62), E (24), C (17), SW (6)

Cladosporium sp.: leaf spot
Syn.: *Hormodendrum* sp.
Disease Rating: 3
Loc.: N (1), NE (1)

Cryptodiaporthe populea (Sacc.) Butin: Dothichiza canker
Anamorph: *Discosporium populeum* (Sacc.) B. Sutton
Syn.: *Dothichiza populea* Sacc. & Briard
Disease Rating: 1
Loc.: E (1)

Cylindrosporium populinum (Peck) Vassilj.: populinum leaf spot
Disease Rating: 3
Loc.: N (1)

Cytospora sp.: Cytospora canker
Disease Rating: 3
Loc.: NW (4), NC (1), N (7), NE (2), AL (2), C (3), SW (2)

Populus tremuloides Michx., trembling aspen

Cytosporella sp.: Cytosporella canker
Disease Rating: 4
Loc.: NC (1)

Diplodina sp.: Diplodina leaf spot
Disease Rating: 3
Loc.: N (1)

Dothiorella sp.: branch canker
Disease Rating: 3
Loc.: N (1)

Drepanopeziza populorum (Desm.) Höhnel: poplar leaf spot
Anamorph: *Marssonina populi* (Lib.) Magnus
Syn.: *Gloeosporium populi* (Lib.) Mont. & Desm.
Disease Rating: 3
Loc.: NW (1), N (4), NE (1), C (2)

Fomes fomentarius (L. : Fr.) Kickx: tinder fungus
Disease Rating: 4
Loc.: NC (1), N (1), NE (1)

Fomitopsis pinicola (Swartz : Fr.) P. Karsten: red-belt fungus
Syn.: *Fomes pinicola* (Swartz : Fr.) Cooke
Disease Rating: 4
Loc.: NW (1), NC (1)

Ganoderma applanatum (Pers.) Pat.: artist's conk
Syn.: *Fomes applanatus* (Pers.) C. Gillet
Syn.: *Polyporus applanatus* (Pers.) Wallr.
Disease Rating: 4
Loc.: NC (1), N (1), AL (1)

Gelatinosporium sp.: branch canker
Disease Rating: 3
Loc.: AL (1)

Gloeosporium sp.: anthracnose
Disease Rating: 2
Loc.: N (1), NE (1)

Glomerella cingulata (Stoneman) Spauld. & Schrenk: twig dieback
Anamorph: *Colletotrichum gloeosporioides* (Penz.) Penz. & Sacc.
Disease Rating: 3
Loc.: N (1)

Populus tremuloides Michx., trembling aspen

Guignardia populi G.E. Thompson: leaf blight
Anamorph: *Septogloeum rhopaloideum* Dearn. & Bisby
Disease Rating: 3
Loc.: N (1)

Hymenochaete agglutinans Ellis: the gluer
Disease Rating: 3
Loc.: AL (1)

Hypoxylon mammatum (Wahlenb.) P. Karsten: Hypoxylon canker
Syn.: *Hypoxylon pruinatum* (Klotzch) Cooke
Disease Rating: 1
Loc.: NW (22), NC (32), N (36), NE (48), AL (17), E (7), C (8), SW (8)

Hypoxylon mediterraneum (de Not.) J.H. Miller: coal fungus
Disease Rating: 4
Loc.: NW (2), NC (1)

Inonotus dryophilus (Berk.) Murrill: piped rotter
Syn.: *Polyporus dryophilus* Berk.
Disease Rating: 4
Loc.: AL (1)

Keissleriella emergens (P. Karsten) Bose: rough-bark fungus
Anamorph: *Diplodia tumefaciens* (Shear) Zalasky
Syn.: *Macrophoma tumefaciens* Shear
Disease Rating: 3
Loc.: NW (2), AL (1)

Leucostoma nivea (Hoffm. : Fr.) Höhnel: Cytospora canker
Syn.: *Valsa nivea* (Hoffm. : Fr.) Fr.
Anamorph: *Cytospora nivea* Sacc.
Disease Rating: 3
Loc.: NW (1), NC (1), N (2), C (1)

Marssonina sp.: Marssonina leaf spot
Disease Rating: 3
Loc.: N (3)

Marssonina tremulae (Lib.) Kleb.: poplar Marssonina
Syn.: *Marssonina brunnea* (Ell. & Ev.) Magnus
Syn.: *Gloeosporium brunneum* Ell. & Ev.
Disease Rating: 3
Loc.: NW (1), NC (2), AL (1), E (1), C (1), SW (2)

Melampsora sp.: leaf rust
Disease Rating: 3
Loc.: NW (1), NC (1), N (1), NE (1)

Populus tremuloides Michx., trembling aspen

Melampsora abietis-canadensis C.A. Ludwig ex Arthur: hemlock-poplar rust
Disease Rating: 3
Loc.: C (1)

Melampsora medusae Thüm.: conifer-aspen rust
Disease Rating: 2
Loc.: NW (1), NC (1), N (3), NE (3), AL (6)

Mycosphaerella populicola G.E. Thompson: Septoria leaf spot
Anamorph: *Septoria populicola* Peck
Disease Rating: 2
Loc.: NC (2), N (1), AL (1)

Mycosphaerella populorum G.E. Thompson: Septoria leaf spot
Anamorph: *Septoria musiva* Peck
Disease Rating: 2
Loc.: N (1)

Nectria cinnabarina (Tode : Fr.) Fr.: Nectria canker
Anamorph: *Tubercularia vulgaris* Tode : Fr.
Disease Rating: 2
Loc.: NC (4), N (1), C (1)

Peniophora pithya (Pers.) John Eriksson: reddish Peniophora
Disease Rating: 4
Loc.: NC (1)

Peniophora polygonia (Pers. : Fr.) H. Bourdot & Galzin: poplar Peniophora
Disease Rating: 4
Loc.: NW (1)

Peniophora rufa (Fr. : Fr.) Boidin: red Peniophora
Syn.: *Cryptochaete rufa* (Fr. : Fr.) P. Karsten
Disease Rating: 4
Loc.: NW (1), N (1)

Pezicula ocellata (Pers. : Fr.) Seaver: dead-branch cup
Syn.: *Ocellaria ocellata* (Pers. : Fr.) Seaver
Anamorph: *Cryptosporiopsis scutellata* (Otth) Petrak
Disease Rating: 4
Loc.: NW (1)

Phaeoramularia maculicola (Romell & Sacc.) B. Sutton: poplar leaf spot
Syn.: *Cladosporium subsessile* Ell. & Barth.
Disease Rating: 3
Loc.: NW (2), NC (2), N (9)

Populus tremuloides Michx., trembling aspen

Phellinus conchatus (Pers. : Fr.) Quélet: moss-covered Phellinus
Syn.: *Fomes conchatus* (Pers. : Fr.) Gillet
Disease Rating: 4
Loc.: N (1)

Phellinus tremulae (Bondartsev) Bondartsev & Borisov: false tinder fungus
Syn.: *Fomes igniarius* (L. : Fr.) Kickx f. sp. *tremulae* Bondartsev
Disease Rating: 4
Loc.: NW (13), NC (11), N (16), NE (16), AL (6), E (1), C (5), SW (4)

Phoma sp.: Phoma canker
Disease Rating: 3
Loc.: N (2)

Phyllosticta sp.: leaf spot
Disease Rating: 3
Loc.: N (1)

Pycnoporus cinnabarinus (Jacq. : Fr.) P. Karsten: cinnabar-red polypore
Syn.: *Polyporus cinnabarinus* Jacq. : Fr.
Disease Rating: 4
Loc.: NE (1)

Septoria sp.: Septoria leaf spot
Disease Rating: 3
Loc.: N (1)

Stereum hirsutum (Willd. : Fr.) Gray: slash rotter
Disease Rating: 3
Loc.: NW (1)

Trametes hirsuta (Wulfen : Fr.) Pilát: hairy conk
Syn.: *Coriolus hirsutus* (Wulfen : Fr.) Quélet
Syn.: *Polyporus hirsutus* Wulfen : Fr.
Disease Rating: 4
Loc.: NC (1), NE (1)

Trametes pubescens (Schumacher : Fr.) Pilát: pubescent conk
Syn.: *Coriolus pubescens* (Schumacher : Fr.) Quélet
Syn.: *Polyporus pubescens* Schumacher : Fr.
Disease Rating: 4
Loc.: NE (1)

Populus tremuloides Michx., trembling aspen

Trichaptum biforme (Fr.) Ryv.: violet-toothed polypore
Syn.: *Polyporus biformis* Fr.
Syn.: *Polystictus pargamenus* (Fr.) Fr.
Disease Rating: 4
Loc.: NW (1), NC (1), N (1)

Tympanis spermatiospora (Nyl.) Nyl.: poplar twig blighter
Anamorph: *Sirodothis populnea* (Thümen) B. Sutton & Funk
Syn.: *Dothiorella populnea* Thümen
Disease Rating: 3
Loc.: NW (1), SW (1)

Uncinula adunca (Wallr. : Fr.) Lév.: powdery mildew
Syn.: *Uncinula salicis* (DC.) Winter
Disease Rating: 2
Loc.: N (3), SW (1)

Valsa sp.: stem canker
Disease Rating: 3
Loc.: N (2), E (1)

Valsa sordida Nitschke: golden-tendril Cytospora
Anamorph: *Cytospora chrysosperma* (Pers. : Fr.) Fr.
Disease Rating: 3
Loc.: NW (4), NC (4), N (2), NE (6), AL (4), E (2), C (1), SW (2)

Valsa translucens (de Not.) de Not.: Cytospora twig canker
Syn.: *Cytospora translucens* Sacc.
Disease Rating: 3
Loc.: NW (1)

Venturia macularis (Fr. : Fr.) E. Müller & v. Arx: shoot blight of aspen
Syn.: *Sphaeria macularis* Fr.
Syn.: *Venturia tremulae* Aderh.
Anamorph: *Pollacia radiosa* (Lib.) Bald. & Cif.
Disease Rating: 2
Loc.: NW (150), NC (73), N (153), NE (109), AL (39), E (5), C (11), SW (14)

Populus trichocarpa **Torr. & Gray, black cottonwood**

Mycosphaerella populorum G.E. Thompson: Septoria leaf spot
Anamorph: *Septoria musiva* Peck
Disease Rating: 2
Loc.: SW (1)

FUNGUS/HOST LISTING

Agrobacterium tumefaciens (Smith & Townsend) Conn: crown gall[1]
Disease Rating: 1
Host: *Populus alba* L.
Loc.: C (2)

Apiognomonia errabunda (Roberge) Höhnel: anthracnose
Syn.: *Gnomonia errabunda* (Roberge) Auersw.
Syn.: *Gnomonia quercina* Kleb.
Anamorph: *Discula umbrinella* (Berk. & Broome) Morelet
Syn.: *Gloeosporium umbrinellum* Berk. & Broome
Disease Rating: 2
Host: *Acer* spp.
Loc.: NE (2), E(3), C(3), SW(1)
Host: *Acer nigrum* Michx.f.
Loc.: SW (1)
Host: *Acer platanoides* L.
Loc.: C (1)
Host: *Acer rubrum* L.
Loc.: N (2), AL (2)
Host: *Acer saccharinum* L.
Loc.: C (1)
Host: *Acer saccharum* Marsh.
Loc.: N (1), NE (1), AL (7), E (4), C (1), SW (5)
Host: *Acer spicatum* Lam.
Loc.: NE (1)

Aplosporella clintonii (Peck) Petrak & Sydow: Sphaeropsis dieback
Syn.: *Sphaeropsis albescens* Ell. & Ev.
Disease Rating: 3
Host: *Acer saccharinum* L.
Loc.: NE (1)
Host: *Acer saccharum* Marsh.
Loc.: C (1)

Aposphaeria sp.: Aposphaeria
Disease Rating: 4
Host: *Betula papyrifera* Marsh.
Loc.: NE (1)

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[1] Although *A. tumefaciens* is a bacterium, not a fungus, it has been included in this report because its presence on a tree host was considered significant.

Armillaria mellea (Vahl : Fr.) Kummer[2]: Armillaria root rot
Syn.: *Armillariella mellea* (Vahl : Fr.) P. Karsten
Disease Rating: 1
Host: *Acer* spp.
Loc.: NE (1), SW (2)
Host: *Acer rubrum* L.
Loc.: NE (1), SW (2)
Host: *Acer saccharinum* L.
Loc.: E (1)
Host: *Acer saccharum* Marsh.
Loc.: AL (1), E (1), C (4), SW (3)
Host: *Betula papyrifera* Marsh.
Loc.: NW (1)
Host: *Populus tremuloides* Michx.
Loc.: NC (2)

Ascochyta sp.: Ascochyta
Disease Rating: 3
Host: *Acer* sp.
Loc.: AL (1)
Host: *Betula alleghaniensis* Britton
Loc.: NE (1)
Host: *Betula papyrifera* Marsh. var. *pensilis* Fern.
Loc.: NE (1)

Asteroma sp.: leaf spot
Disease Rating: 2
Host: *Populus tremuloides* Michx.
Loc.: NC (1)

Asteroma microspermum (Peck) B. Sutton: leaf spot
Syn.: *Cylindrosporella microsperma* (Peck) Petrak
Disease Rating: 3
Host: *Betula papyrifera* Marsh.
Loc.: NE (1), AL (1)

Asterosporium betulinum Peck: birch twig fungus
Disease Rating: 4
Host: *Betula alleghaniensis* Britton
Loc.: NE (3), AL (1)
Host: *Betula papyrifera* Marsh.
Loc.: SW (1)

Atopospora betulina (Fr. : Fr.) Petrak: black speckled leaf spot
Disease Rating: 3
Host: *Betula papyrifera* Marsh.
Loc.: NW (4), NC (1)

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[2] Recent research has demonstrated that most collections from hardwoods identified as *A. mellea* in Ontario are in fact *A. gallica* Marx & Romagn.

Aureobasidium sp.: leaf spot
Syn.: *Kabatiella* sp.
Disease Rating: 3
Host: *Betula papyrifera* Marsh.
Loc.: NW (1)
Host: *Populus* sp.
Loc.: E (1)
Host: *Populus grandidentata* Michx.
Loc.: AL (1)

Aureobasidium apocryptum (Ell. & Ev.) Hermanides-Nijhof: anthracnose
Syn.: *Kabatiella apocrypta* (Ell. & Ev.) v. Arx
Syn.: *Gloeosporium apocryptum* Ell. & Ev.
Disease Rating: 2
Host: *Acer* spp.
Loc.: NW (1), NE (10), AL (1), E (11), C (15), SW (9)
Host: *Acer nigrum* Michx.f.
Loc.: SW (1)
Host: *Acer platanoides* L.
Loc.: C (4), SW (2)
Host: *Acer rubrum* L.
Loc.: NW (2), N (1), NE (2), AL (3), E (8), C (1), SW (1)
Host: *Acer saccharinum* L.
Loc.: NC (1), N (1), NE (1), E (2), C (1), SW (3)
Host: *Acer saccharum* Marsh.
Loc.: NW (2), NE (12), AL (18), E (21), C (29), SW (31)

Bjerkandera adusta (Willd. : Fr.) P. Karsten: scorched conk fungus
Syn.: *Polyporus adustus* (Willd. : Fr.) Fr.
Disease Rating: 4
Host: *Acer saccharum* Marsh.
Loc.: SW (2)
Host: *Populus* spp.
Loc.: NE (1), E (1)
Host: *Populus grandidentata* Michx.
Loc.: AL (1)
Host: *Populus tremuloides* Michx.
Loc.: NW (1)

Botryodiplodia sp.: twig canker
Disease Rating: 3
Host: *Acer* spp.
Loc.: E (2)
Host: *Acer saccharum* Marsh.
Loc.: NE (1)

Botryosphaeria obtusa (Schwein.) Shoem.: frog-eye leaf spot
Syn.: *Physalospora obtusa* (Schwein.) Cooke
Anamorph: *Sphaeropsis malorum* (Schwein.) Cooke
Syn.: *Botryodiplodia malorum* (Berk.) Petrak & H. Sydow
Disease Rating: 2
Host: *Acer negundo* L.
Loc.: NE (1)

Capnodium sp.: sooty mold
Disease Rating: 4
Host: *Acer saccharum* Marsh.
Loc.: SW (1)

Cephalosporium sp.: Cephalosporium wilt
Disease Rating: 2
Host: *Acer* sp.
Loc.: E (1)
Host: *Acer saccharum* Marsh.
Loc.: AL (1), C (2), SW (1)
Host: *Betula papyrifera* Marsh.
Loc.: NE (1)
Host: *Populus* sp.
Loc.: E (1)
Host: *Populus* X *canadensis* Moench
Loc.: AL (1)
Host: *Populus tremuloides* Michx.
Loc.: NE (1)

Ceratocystis sp.: blue stain
Disease Rating: 3
Host: *Acer rubrum* L.
Loc.: C (1)
Host: *Betula papyrifera* Marsh.
Loc.: N (1)

Ceratocystis fimbriata Ellis & Halsted: poplar target canker
Disease Rating: 2
Host: *Populus tremuloides* Michx.
Loc.: N (1)

Cerrena unicolor (Bull. : Fr.) Murrill: mossy-maze polypore
Syn.: *Daedalea unicolor* (Bull. : Fr.) Fr.
Disease Rating: 3
Host: *Acer* sp.
Loc.: NE (1)
Host: *Acer negundo* L.
Loc.: E (1)
Host: *Acer platanoides* L.
Loc.: NE (1)
Host: *Acer saccharum* Marsh.
Loc.: NE (1), E (1), C (3), SW (1)

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Cerrena unicolor (Bull. : Fr.) Murrill: mossy maze polypore (concl.)
Host: *Betula papyrifera* Marsh.
Loc.: N (1)
Host: *Populus grandidentata* Michx.
Loc.: AL (1)

Chapeckia nigrospora (Peck) Barr: blackened branch canker
Syn.: *Melanconis nigrospora* (Peck) Wehmeyer
Disease Rating: 3
Host: *Betula alleghaniensis* Britton
Loc.: SW (1)

Ciborinia whetzelii (Seaver) Seaver: ink spot of aspen
Disease Rating: 2
Host: *Populus* spp.
Loc.: NC (1), N (1), NE (2), AL (4), E (1)
Host: *Populus balsamifera* L.
Loc.: SW (1)
Host: *Populus* X *canadensis* Moench
Loc.: SW (1)
Host: *Populus nigra* L. var. *italica* Muenchh.
Loc.: AL (2), C (1), SW(1)
Host: *Populus tremuloides* Michx.
Loc.: NW (27), NC (43), N (128), NE (157), AL (62), E (24), C (17), SW (6)

Cladosporium sp.: leaf spot
Syn.: *Hormodendrum* sp.
Disease Rating: 3
Host: *Acer* sp.
Loc.: C (1)
Host: *Acer platanoides* L.
Loc.: SW (1)
Host: *Acer rubrum* L.
Loc.: AL (2)
Host: *Acer saccharum* Marsh.
Loc.: NE (2), C (1), SW (1)
Host: *Betula papyrifera* Marsh.
Loc.: E (1)
Host: *Populus* spp.
Loc.: E (1), SW (1)
Host: *Populus tremuloides* Michx.
Loc.: N (1), NE (1)

Colletotrichum sp.: Colletotric
Disease Rating: 3
Host: *Acer saccharum* Marsh.
Loc.: NW (1)

Coniothyrium sp.: twig canker
Disease Rating: 4
Host: *Acer saccharum* Marsh.
Loc.: AL (1), E (1)
Host: *Betula papyrifera* Marsh.
Loc.: NE (1)
Host: *Populus grandidentata* Michx.
Loc.: SW (1)
Host: *Populus nigra* L. var. *italica* Muenchh.
Loc.: E(1)

Coniothyrium negundinis Tehon & E.Y. Daniels: twig canker
Disease Rating: 3
Host: *Acer rubrum* L.
Loc.: SW (1)

Corticium sp.: white spongy rot
Disease Rating: 2
Host: *Acer saccharum* Marsh.
Loc.: E (1), C (1), SW (1)

Cristulariella sp.: leaf spot
Disease Rating: 3
Host: *Acer negundo* L.
Loc.: E (1)

Cryptodiaporthe acerinum J. Reid & Cain: branch canker
Disease Rating: 4
Host: *Acer* sp.
Loc.: C (1)
Host: *Acer saccharum* Marsh.
Loc.: SW (1)

Cryptodiaporthe hystrix (Tode : Fr.) Petrak: Diplodia leaf spot
Anamorph: *Diplodina acerina* (Pass.) B. Sutton
Syn.: *Discella acerina* (Pass.) v. Arx
Disease Rating: 3
Host: *Acer* sp.
Loc.: C (1)
Host: *Acer rubrum* L.
Loc.: E (1)
Host: *Acer saccharum* Marsh.
Loc.: AL (1), C (2), SW (4)

Cryptodiaporthe populea (Sacc.) Butin: Dothichiza canker
Anamorph: *Discosporium populeum* (Sacc.) B. Sutton
Syn.: *Dothichiza populea* Sacc. & Briard
Disease Rating: 1
Host: *Populus* spp.
Loc.: NW (1), E (6), C (1), SW (2)
Host: *Populus alba* L.
Loc.: SW (1)

(cont'd)

Cryptodiaporthe populea (Sacc.) Butin: Dothichiza canker (concl.)
Host: *Populus balsamifera* L.
Loc.: C (1)
Host: *Populus* X *canadensis* Moench
Loc.: AL (3), E (2)
Host: *Populus nigra* L. var. *italica* Muenchh.
Loc.: N (1), AL (4), E (4), C (5), SW (3)
Host: *Populus tremuloides* Michx.
Loc.: E (1)

Cylindrosporium sp.: Cylindrosporium leaf spot
Disease Rating: 3
Host: *Betula papyrifera* Marsh.
Loc.: NW (1), N (1), NE (2)
Host: *Betula pendula* Roth
Loc.: C (1)
Host: *Populus balsamifera* L.
Loc.: NE (1), E (1)

Cylindrosporium populinum (Peck) Vassilj.: populinum leaf spot
Disease Rating: 3
Host: *Populus tremuloides* Michx.
Loc.: N (1)

Cytospora sp.: Cytospora canker
Disease Rating: 3
Host: *Acer* spp.
Loc.: NC (1), NE (2), E (2), C (3), SW (2)
Host: *Acer negundo* L.
Loc.: NW (1)
Host: *Acer pensylvanicum* L.
Loc.: E (1)
Host: *Acer platanoides* L.
Loc.: E (2), C (2), SW (3)
Host: *Acer rubrum* L.
Loc.: NE (2), AL (1), C (1)
Host: *Acer saccharinum* L.
Loc.: NE (2), AL (1), E (1), C (1), SW (1)
Host: *Acer saccharum* Marsh.
Loc.: NE (2), AL (4), E (3), C (10), SW (12)
Host: *Acer spicatum* Lam.
Loc.: E (1), SW (1)
Host: *Betula* sp.
Loc.: NE (1)
Host: *Betula alleghaniensis* Britton
Loc.: NE (2)
Host: *Betula papyrifera* Marsh.
Loc.: C (1)
Host: *Populus* spp.
Loc.: NC (1), NE (4), AL (6), E (6), C (2)
Host: *Populus alba* L.
Loc.: NC (1)

(cont'd)

Cytospora sp.: Cytospora canker (concl.)
Host: *Populus balsamifera* L.
Loc.: E (1), C (2), SW (1)
Host: *Populus* X *canadensis* Moench
Loc.: NW (1), NE (1)
Host: *Populus grandidentata* Michx.
Loc.: AL (3), E (1), SW (2)
Host: *Populus nigra* L. var. *italica* Muenchh.
Loc.: E (2), C (1), SW (1)
Host: *Populus tremuloides* Michx.
Loc.: NW (4), NC (1), N (7), NE (2), AL (2), C (3), SW (2)

Cytosporella sp.: Cytosporella canker
Disease Rating: 4
Host: *Acer saccharum* Marsh.
Loc.: E (1)
Host: *Populus alba* L.
Loc.: SW (1)
Host: *Populus tremuloides* Michx.
Loc.: NC (1)

Cytosporium sp.: Cytosporium wood colonizer
Disease Rating: 4
Host: *Betula alleghaniensis* Britton
Loc.: NE (2)
Host: *Betula papyrifera* Marsh.
Loc.: NE (1)

Daedaleopsis confragosa (Bolt. : Fr.) Schröter: curry comb
Syn.: *Daedalea confragosa* (Bolt. : Fr.) Fr.
Disease Rating: 4
Host: *Betula* sp.
Loc.: NE (1)
Host: *Betula papyrifera* Marsh.
Loc.: C (1)

Daldinia concentrica (Bolt. : Fr.) Ces. & de Not.: calico wood fungus
Disease Rating: 4
Host: *Betula papyrifera* Marsh.
Loc.: NE (1)
Host: *Populus grandidentata* Michx.
Loc.: AL (1)

Dendrophoma sp.: Dendrophoma wood colonizer
Disease Rating: 4
Host: *Acer saccharum* Marsh.
Loc.: NE (1)

Dermea acerina (Peck) Rehm: Dermea twig canker
Anamorph: *Sphaeronema acerinum* Peck
Disease Rating: 4
Host: *Acer saccharum* Marsh.
Loc.: NE (1), E (1)

Diaporthe sp.: twig canker
Disease Rating: 3
Host: *Acer rubrum* L.
Loc.: E (1)
Host: *Betula alleghaniensis* Britton
Loc.: NE (1)

Diaporthe dubia Nitschke: canker dieback
Anamorph: *Phomopsis* sp.
Disease Rating: 3
Host: *Acer saccharum* Marsh.
Loc.: NE (2)

Diatrypella sp.: dead-branch colonizer
Disease Rating: 4
Host: *Acer saccharum* Marsh.
Loc.: NE (1), SW (1)
Host: *Betula alleghaniensis* Britton
Loc.: NE (2)
Host: *Betula papyrifera* Marsh.
Loc.: C (1), SW (1)

Diatrypella betulina (Peck) Sacc.: dead-limb Diatrypella
Disease Rating: 4
Host: *Betula alleghaniensis* Britton
Loc.: NE (2)
Host: *Betula papyrifera* Marsh.
Loc.: NC (1), C (1), SW (2)

Diatrypella favacea (Fr. : Fr.) Ces. & de Not.: dead-limb Diatrypella
Disease Rating: 4
Host: *Betula papyrifera* Marsh.
Loc.: C (1)

Dichomera sp.: dead-branch Dichomera
Disease Rating: 4
Host: *Betula papyrifera* Marsh.
Loc.: SW (1)

Diplodia sp.: Diplodia twig dieback
Disease Rating: 3
Host: *Acer* sp.
Loc.: E (1)
Host: *Acer platanoides* L.
Loc.: SW (1)

(cont'd)

Diplodia sp.: Diplodia twig dieback (concl.)
Host: *Acer saccharinum* L.
Loc.: SW (1)
Host: *Acer saccharum* Marsh.
Loc.: AL (1), E (1), C (1)

Diplodina sp.: Diplodina leaf spot
Disease Rating: 3
Host: *Acer negundo* L.
Loc.: NC (1)
Host: *Acer rubrum* L.
Loc.: NE (1)
Host: *Acer saccharinum* L.
Loc.: NE (1)
Host: *Populus tremuloides* Michx.
Loc.: N (1)

Discula acerina Oudem.: anthracnose
Disease Rating: 3
Host: *Acer* spp.
Loc.: E (2), C (1), SW (1)
Host: *Acer negundo* L.
Loc.: N (1), E (1), C (1)
Host: *Acer rubrum* L.
Loc.: NE (1), AL (2), E (1), C (1)

Discula betulina (Westend.) v. Arx: anthracnose
Syn.: *Gloeosporium betulinum* Westend.
Disease Rating: 3
Host: *Betula* spp.
Loc.: NE (1), C (1)
Host: *Betula alleghaniensis* Britton
Loc.: NE (2)
Host: *Betula papyrifera* Marsh.
Loc.: NC (1), N (3), NE (2), AL (3), E (1), C (3), SW (1)

Discula campestris (Pass.) v. Arx: anthracnose
Syn.: *Gloeosporium campestrae* Pass.
Disease Rating: 3
Host: *Acer saccharum* Marsh.
Loc.: NE (5), AL (5), E (1), C (9), SW (6)

Dothiorella sp.: branch canker
Disease Rating: 3
Host: *Betula papyrifera* Marsh.
Loc.: NW (2)
Host: *Populus tremuloides* Michx.
Loc.: N (1)

Drepanopeziza populi-albae (Kleb.) Nannf.: white poplar leaf spot
Anamorph: *Marssonina castagnei* (Desm. & Mont.) Magnus
Syn.: *Gloeosporium castagnei* Desm. & Mont.
Disease Rating: 3
Host: *Populus alba* L.
Loc.: AL (2), E (1), C (1), SW (1)

Drepanopeziza populorum (Desm.) Höhnel: poplar leaf spot
Anamorph: *Marssonina populi* (Lib.) Magnus
Syn.: *Gloeosporium populi* (Lib.) Mont. & Desm.
Disease Rating: 3
Host: *Populus* spp.
Loc.: E (2), C (3), SW (1)
Host: *Populus balsamifera* L.
Loc.: NC (1), AL (1), E (1), C (2)
Host: *Populus* X *canadensis* Moench
Loc.: E (1), C (1)
Host: *Populus grandidentata* Michx.
Loc.: C (1)
Host: *Populus tremuloides* Michx.
Loc.: NW (1), N (4), NE (1), C (2)

Encoelia fascicularis (Alb. & Schwein. : Fr.) P. Karsten: poplar twig Encoelia
Syn.: *Phibalis fascicularis* (Alb. & Schwein. : Fr.) Wallr.
Syn.: *Cenangium populneum* (Pers.) Rehm
Disease Rating: 4
Host: *Populus* sp.
Loc.: E (1)

Encoelia pruinosa (Ell. & Ev.) Torkelson & Eckblad: black sooty bark canker
Syn.: *Phibalis pruinosa* (Ell. & Ev.) Kohn & Korf
Syn.: *Cenangium pruinosum* (Ell. & Ev.) Seaver
Disease Rating: 3
Host: *Populus grandidentata* Michx.
Loc.: AL (1)

Eutypella parasitica Davidson & Lorenz: Eutypella canker
Disease Rating: 2
Host: *Acer* spp.
Loc.: NE (2)
Host: *Acer pensylvanicum* L.
Loc.: E (1), C (1)
Host: *Acer rubrum* L.
Loc.: NE (1), AL (2), E (2)
Host: *Acer saccharum* Marsh.
Loc.: NE (15), AL (31), E (5), C (10), SW (7)

Fomes fomentarius (L. : Fr.) Kickx: tinder fungus
Disease Rating: 4
Host: *Acer saccharum* Marsh.
Loc.: NE (1), AL (1), E (1)
Host: *Betula alleghaniensis* Britton
Loc.: NE (1)
Host: *Betula papyrifera* Marsh.
Loc.: NW (7), N (3), NE (2), C (1)
Host: *Populus tremuloides* Michx.
Loc.: NC (1), N (1), NE (1)

Fomitopsis pinicola (Swartz : Fr.) P. Karsten: red-belt fungus
Syn.: *Fomes pinicola* (Swartz : Fr.) Cooke
Disease Rating: 4
Host: *Betula* sp.
Loc.: NE (1)
Host: *Populus tremuloides* Michx.
Loc.: NW (1), NC (1)

Ganoderma applanatum (Pers.) Pat.: artist's conk
Syn.: *Fomes applanatus* (Pers.) C. Gillet
Syn.: *Polyporus applanatus* (Pers.) Wallr.
Disease Rating: 4
Host: *Acer negundo* L.
Loc.: SW (1)
Host: *Acer platanoides* L.
Loc.: C (1)
Host: *Acer saccharum* Marsh.
Loc.: NE (1), AL (1), C (3), SW (1)
Host: *Betula* sp.
Loc.: NE (1)
Host: *Betula papyrifera* Marsh.
Loc.: NW (1)
Host: *Populus grandidentata* Michx.
Loc.: NE (1)
Host: *Populus tremuloides* Michx.
Loc.: NC (1), N (1), AL (1)

Ganoderma lucidum (W. Curtis : Fr.) P. Karsten: lacquer conk
Syn.: *Ganoderma curtisii* (Berk.) Murrill
Disease Rating: 4
Host: *Betula* sp.
Loc.: NE (1)

Gelatinosporium sp.: branch canker
Disease Rating: 3
Host: *Betula* sp.
Loc.: NE (1)
Host: *Betula alleghaniensis* Britton
Loc.: NE (4)
Host: *Populus tremuloides* Michx.
Loc.: AL (1)

Geniculosporium sp.: bark canker
Disease Rating: 3
Host: *Acer saccharum* Marsh.
Loc.: E (1)

Gloeophyllum trabeum (Pers. : Fr.) Murrill: forest-products Lenzites
Syn.: *Lenzites trabea* (Pers. : Fr.) Fr.
Disease Rating: 4
Host: *Populus balsamifera* L.
Loc.: NE (1)

Gloeosporium sp.: anthracnose
Disease Rating: 2
Host: *Populus* spp.
Loc.: AL (3), E (3), SW (1)
Host: *Populus balsamifera* L.
Loc.: NW (1)
Host: *Populus* X *canadensis* Moench
Loc.: SW (1)
Host: *Populus tremuloides* Michx.
Loc.: N (1), NE (1)

Glomerella cingulata (Stoneman) Spauld. & Schrenk: twig dieback
Anamorph: *Colletotrichum gloeosporioides* (Penz.) Penz. & Sacc.
Disease Rating: 3
Host: *Populus* sp.
Loc.: E (1)
Host: *Populus balsamifera* L.
Loc.: N (1)
Host: *Populus tremuloides* Michx.
Loc.: N (1)

Gnomonia sp.: leaf spot
Disease Rating: 3
Host: *Betula papyrifera* Marsh.
Loc.: NW (4), NE (1)

Godronia cassandrae Peck f. sp. *betulicola* Groves: Godronia canker
Disease Rating: 1
Host: *Betula papyrifera* Marsh.
Loc.: NE (1)

Guignardia populi G.E. Thompson: leaf blight
Anamorph: *Septogloeum rhopaloideum* Dearn. & Bisby
Disease Rating: 3
Host: *Populus tremuloides* Michx.
Loc.: N (1)

Hemimyriangium betulae J. Reid & Piroz.: gum colonizer on birch
Disease Rating: 4
Host: *Betula papyrifera* Marsh.
Loc.: NW (2), NC (2), E (1)

Hericium americanum Ginns: bear's-head tooth fungus
Disease Rating: 4
Host: *Acer rubrum* L.
Loc.: NE (1)
Host: *Acer saccharum* Marsh.
Loc.: AL (1)
Host: *Populus* sp.
Loc.: E (1)

Heterobasidion annosum (Fr.) Bref.: Fomes root rot
Syn.: *Fomes annosus* (Fr.) P. Karsten
Anamorph: *Spiniger meineckellus* (A. Olson) Stalpers
Disease Rating: 1
Host: *Populus grandidentata* Michx.
Loc.: C (1)

Hymenochaete agglutinans Ellis: the gluer
Disease Rating: 3
Host: *Acer spicatum* Lam.
Loc.: N (1)
Host: *Populus tremuloides* Michx.
Loc.: AL (1)

Hymenochaete tabacina (Sow. : Fr.) Lév.: tabacina wood rot
Disease Rating: 3
Host: *Acer saccharum* Marsh.
Loc.: AL (1)
Host: *Acer spicatum* Lam.
Loc.: NC (1)

Hypoxylon mammatum (Wahlenb.) P. Karsten: Hypoxylon canker
Syn.: *Hypoxylon pruinatum* (Klotzch) Cooke
Disease Rating: 1
Host: *Populus* spp.
Loc.: NW (1), NC (1), NE (2)
Host: *Populus grandidentata* Michx.
Loc.: E (1), SW (3)
Host: *Populus tremuloides* Michx.
Loc.: NW (22), NC (32), N (36), NE (48), AL (17), E (7), C (8), SW (8)

Hypoxylon mediterraneum (de Not.) J.H. Miller: coal fungus
Disease Rating: 4
Host: *Populus tremuloides* Michx.
Loc.: NW (2), NC (1)

Inonotus dryophilus (Berk.) Murrill: piped rotter
Syn.: *Polyporus dryophilus* Berk.
Disease Rating: 4
Host: *Populus tremuloides* Michx.
Loc.: AL (1)

Inonotus glomeratus (Peck) Murrill: sterile conk fungus
Syn.: *Polyporus glomeratus* Peck
Disease Rating: 3
Host: *Acer saccharum* Marsh.
Loc.: AL (1)
Host: *Populus alba* L.
Loc.: NC (1)

Inonotus obliquus (Pers. : Fr.) Pilát: clinker polypore
Syn.: *Poria obliqua* (Pers. : Fr.) P. Karsten
Disease Rating: 3
Host: *Betula papyrifera* Marsh.
Loc.: NW (3), N (4), NE (1), AL (1), SW (1)

Irpex lacteus (Fr. : Fr.) Fr.: white-toothed polypore
Syn.: *Polyporus tulipiferae* (Schwein.) Overh.
Syn.: *Irpex tulipiferae* (Schwein.) Schwein.
Disease Rating: 4
Host: *Acer* sp.
Loc.: E (1)
Host: *Acer negundo* L.
Loc.: E (1)
Host: *Acer saccharinum* L.
Loc.: C (1)
Host: *Acer saccharum* Marsh.
Loc.: AL (1), C (1)
Host: *Populus* sp.
Loc.: E (1)

Ischnoderma resinosum (Schrad. : Fr.) P. Karsten: resinosus polypore
Syn.: *Polyporus resinosus* (Schrad. : Fr.) Fr.
Disease Rating: 4
Host: *Acer saccharum* Marsh.
Loc.: C (1)

Keissleriella emergens (P. Karsten) Bose: rough-bark fungus
Anamorph: *Diplodia tumefaciens* (Shear) Zalasky
Syn.: *Macrophoma tumefaciens* Shear
Disease Rating: 3
Host: *Populus* spp.
Loc.: E (3)
Host: *Populus balsamifera* L.
Loc.: NW (1), NC (1)
Host: *Populus tremuloides* Michx.
Loc.: NW (2), AL (1)

Lenzites betulina (L. : Fr.) Fr.: little birch shelf
Disease Rating: 4
Host: *Betula papyrifera* Marsh.
Loc.: N (2)

Leucostoma nivea (Hoffm. : Fr.) Höhnel: Cytospora canker
Syn.: *Valsa nivea* (Hoffm. : Fr.) Fr.
Anamorph: *Cytospora nivea* Sacc.
Disease Rating: 3
Host: *Populus* spp.
Loc.: AL (1), E (8)
Host: *Populus grandidentata* Michx.
Loc.: SW (1)
Host: *Populus nigra* L. var. *italica* Muenchh.
Loc.: N (1), C (3)
Host: *Populus tremuloides* Michx.
Loc.: NW (1), NC (1), N (2), C (1)

Libertella sp.: wood-colonizing Libertella
Disease Rating: 4
Host: *Betula alleghaniensis* Britton
Loc.: NE (2)
Host: *Betula papyrifera* Marsh.
Loc.: NW (1), NE (1)
Host: *Betula pendula* Roth
Loc.: NE (1)
Host: *Populus* sp.
Loc.: C (1)
Host: *Populus* X *canadensis* Moench
Loc.: AL (1)

Linospora tetraspora G.E. Thompson: Linospora leaf blight
Disease Rating: 3
Host: *Populus balsamifera* L.
Loc.: NW (4), NC (6), N (21), AL (10), E (8), C (3), SW (1)

Macrophoma sp.: leaf spot
Disease Rating: 3
Host: *Acer rubrum* L.
Loc.: C (1)
Host: *Acer saccharum* Marsh.
Loc.: C (1)

Marssonina sp.: Marssonina leaf spot
Disease Rating: 3
Host: *Acer* sp.
Loc.: AL (1)
Host: *Acer saccharum* Marsh.
Loc.: SW (1)
Host: *Populus* spp.
Loc.: NE (1), E (3)
Host: *Populus alba* L.
Loc.: SW (1)

(cont'd)

Marssonina sp.: Marssonina leaf spot (concl.)
Host: *Populus grandidentata* Michx.
Loc.: AL (2)
Host: *Populus tremuloides* Michx.
Loc.: N (3)

Marssonina betulae (Lib.) Magnus: Marssonina leaf spot on birch
Disease Rating: 3
Host: *Betula caerulea-grandis* Blanch.
Loc.: SW (1)
Host: *Betula glandulosa* Michx.
Loc.: C (1)

Marssonina tremulae (Lib.) Kleb.: poplar Marssonina
Syn.: *Marssonina brunnea* (Ell. & Ev.) Magnus
Syn.: *Gloeosporium brunneum* Ell. & Ev.
Disease Rating: 3
Host: *Populus* spp.
Loc.: AL (3), E (10), C (2), SW (1)
Host: *Populus grandidentata* Michx.
Loc.: AL (1)
Host: *Populus tremuloides* Michx.
Loc.: NW (1), NC (2), AL (1), E (1), C (1), SW (2)

Massaria inquinans (Tode : Fr.) de Not.: dirty branch canker
Disease Rating: 4
Host: *Acer saccharum* Marsh.
Loc.: NE (1), C (1), SW (1)

Melampsora sp.: leaf rust
Disease Rating: 3
Host: *Populus tremuloides* Michx.
Loc.: NW (1), NC (1), N (1), NE (1)

Melampsora abietis-canadensis C.A. Ludwig ex Arthur: hemlock-poplar rust
Disease Rating: 3
Host: *Populus grandidentata* Michx.
Loc.: E (3)
Host: *Populus tremuloides* Michx.
Loc.: C (1)

Melampsora medusae Thüm.: conifer-aspen rust
Disease Rating: 2
Host: *Populus* spp.
Loc.: N (1), AL (1), E (9), C (1)
Host: *Populus alba* L.
Loc.: AL (1)
Host: *Populus balsamifera* L.
Loc.: AL (1)
Host: *Populus deltoides* Bartr.
Loc.: AL (2), C (1), SW (2)

(cont'd)

Melampsora medusae Thüm.: conifer-aspen rust (concl.)
Host: *Populus nigra* L. var. *italica* Muenchh.
Loc.: NW (1)
Host: *Populus tremuloides* Michx.
Loc.: NW (1), NC (1), N (3), NE (3), AL (6)

Melampsoridium betulinum Kleb.: birch rust
Syn.: *Melampsora betulina* Winter
Disease Rating: 3
Host: *Betula papyrifera* Marsh.
Loc.: NC (4), C (1)
Host: *Betula populifolia* Marsh.
Loc.: E (1)

Melanconis stilbostoma (Fr. : Fr.) Tul.: bicolor canker of birch
Anamorph: *Melanconium bicolor* Nees : Fr.
Disease Rating: 3
Host: *Betula* spp.
Loc.: NE (1), SW (1)
Host: *Betula alleghaniensis* Britton
Loc.: NE (12)
Host: *Betula papyrifera* Marsh.
Loc.: NC (1), NE (5), E (1), C (1)
Host: *Betula papyrifera* Marsh. var. *pensilis* Fern.
Loc.: E (1)
Host: *Betula pendula* Roth
Loc.: C (1)

Melanconium sp.: branch canker
Disease Rating: 3
Host: *Populus* sp.
Loc.: E (1)
Host: *Populus alba* L.
Loc.: SW (1)
Host: *Populus balsamifera* L.
Loc.: N (1)
Host: *Populus nigra* L. var. *italica* Muenchh.
Loc.: C (1)

Mycosphaerella populicola G.E. Thompson: Septoria leaf spot
Anamorph: *Septoria populicola* Peck
Disease Rating: 2
Host: *Populus* spp.
Loc.: NW (1), NE (1), E (1)
Host: *Populus balsamifera* L.
Loc.: NW (14), NC (19), N (22), NE (5), AL (8), E (10), C (17), SW (4)
Host: *Populus deltoides* Bartr.
Loc.: SW (1)
Host: *Populus tremuloides* Michx.
Loc.: NC (2), N (1), AL (1)

Mycosphaerella populorum G.E. Thompson: Septoria leaf spot
Anamorph: *Septoria musiva* Peck
Disease Rating: 2
Host: *Populus* spp.
Loc.: N (1), E (1), SW (1)
Host: *Populus balsamifera* L.
Loc.: NW (1), NC (5), N (7), NE (1), AL (4), E (3), C (1)
Host: *Populus* X *canadensis* Moench
Loc.: SW (1)
Host: *Populus grandidentata* Michx.
Loc.: AL (1)
Host: *Populus tremuloides* Michx.
Loc.: N (1)
Host: *Populus trichocarpa* Torr. & Gray
Loc.: SW (1)

Nectria cinnabarina (Tode : Fr.) Fr.: Nectria canker
Anamorph: *Tubercularia vulgaris* Tode : Fr.
Disease Rating: 2
Host: *Acer* spp.
Loc.: NC (1), N (1), NE (28), E (3), C (1), SW (1)
Host: *Acer negundo* L.
Loc.: NW (1), NC (1), N (1), SW (1)
Host: *Acer platanoides* L.
Loc.: NE (2), E (1), C (4), SW (4)
Host: *Acer pseudoplatanus* L.
Loc.: C (1), SW (1)
Host: *Acer rubrum* L.
Loc.: NE (3)
Host: *Acer saccharinum* L.
Loc.: E (1), SW (1)
Host: *Acer saccharum* Marsh.
Loc.: NE '6), AL (1), E (7), C (5), SW (2)
Host: *Betula papyrifera* Marsh.
Loc.: NE (1)
Host: *Betula pendula* Roth
Loc.: C (1)
Host: *Populus grandidentata* Michx.
Loc.: SW (1)
Host: *Populus nigra* L. var. *italica* Muenchh.
Loc.: SW (1)
Host: *Populus tremuloides* Michx.
Loc.: NC (4), N (1), C (1)

Nectria galligena Bres.: target canker
Disease Rating: 2
Host: *Acer rubrum* L.
Loc.: E (1)
Host: *Acer saccharum* Marsh.
Loc.: NE (1), SW (1)
Host: *Betula alleghaniensis* Britton
Loc.: NE (1)

Ophiovalsa suffusa (Fr. : Fr.) Petrak: twig canker
Anamorph: *Disculina betulina* (Sacc.) Höhnel
Syn.: *Cryptosporium neesii* Corda
Disease Rating: 4
Host: *Betula alleghaniensis* Britton
Loc.: NE (1)
Host: *Betula pendula* Roth
Loc.: NE (1)

Oxyporus populinus (Schumacher : Fr.) Donk: white spongy rot
Syn.: *Fomes connatus* (Weinm.) C. Gillet
Disease Rating: 4
Host: *Acer saccharum* Marsh.
Loc.: NE (4), AL (10), E (1), C (6), SW (2)

Peniophora sp.: Peniophora
Disease Rating: 4
Host: *Acer rubrum* L.
Loc.: NE (1)

Peniophora pithya (Pers.) John Eriksson: reddish Peniophora
Disease Rating: 4
Host: *Populus tremuloides* Michx.
Loc.: NC (1)

Peniophora polygonia (Pers. : Fr.) H. Bourdot & Galzin: poplar Peniophora
Disease Rating: 4
Host: *Populus tremuloides* Michaux
Loc.: NW (1)

Peniophora rufa (Fr. : Fr.) Boidin: red Peniophora
Syn.: *Cryptochaete rufa* (Fr. : Fr.) P. Karsten
Disease Rating: 4
Host: *Populus* spp.
Loc.: NE (2)
Host: *Populus* X *canadensis* Moench
Loc.: E (1)
Host: *Populus tremuloides* Michx.
Loc.: NW (1), N (1)

Pezicula ocellata (Pers. : Fr.) Seaver: dead-branch cup
Syn.: *Ocellaria ocellata* (Pers. : Fr.) Seaver
Anamorph: *Cryptosporiopsis scutellata* (Otth) Petrak
Disease Rating: 4
Host: *Populus tremuloides* Michx.
Loc.: NW (1)

Phaeoramularia maculicola (Romell & Sacc.) B. Sutton: poplar leaf spot
Syn.: *Cladosporium subsessile* Ell. & Barth.
Disease Rating: 3
Host: *Populus* X *canadensis* Moench
Loc.: SW (1)
Host: *Populus tremuloides* Michx.
Loc.: NW (2), NC (2), N (9)

Phellinus conchatus (Pers. : Fr.) Quélet: moss-covered Phellinus
Syn.: *Fomes conchatus* (Pers. : Fr.) Gillet
Disease Rating: 4
Host: *Acer saccharum* Marsh.
Loc.: SW (1)
Host: *Populus tremuloides* Michx.
Loc.: N (1)

Phellinus ferruginosus (Schrader : Fr.) Pat.: white laminated rotter
Syn.: *Poria ferruginosa* (Schrader : Fr.) P. Karsten
Disease Rating: 4
Host: *Betula alleghaniensis* Britton
Loc.: NE (1)

Phellinus igniarius (L. : Fr.) Quélet: false tinder fungus
Syn.: *Fomes igniarius* (L. : Fr.) Kickx
Disease Rating: 1
Host: *Acer rubrum* L.
Loc.: N (1)
Host: *Acer saccharum* Marsh.
Loc.: NE (1), AL (2), C (1), SW (1)
Host: *Betula alleghaniensis* Britton
Loc.: NE (1)
Host: *Betula papyrifera* Marsh.
Loc.: NC (1), N (2), NE (1), C (1)

Phellinus tremulae (Bondartsev) Bondartsev & Borisov: false tinder fungus
Syn.: *Fomes igniarius* (L. : Fr.) Kickx f. sp. *tremulae* Bondartsev
Disease Rating: 4
Host: *Populus* spp.
Loc.: NW (1), NE (1)
Host: *Populus grandidentata* Michx.
Loc.: AL (1), E (1)
Host: *Populus tremuloides* Michx.
Loc.: NW (13), NC (11), N (16), NE (16), AL (6), E (1), C (5), SW (4)

Pholiota adiposa (Fr.) Kummer: fat Pholiota
Syn.: *Pholiota aurivella* (Batsch : Fr.) Kummer
Disease Rating: 4
Host: *Acer saccharum* Marsh.
Loc.: NE (1)

Pholiota squarrosoides (Peck) Sacc.: sharp-scaled Pholiota
Disease Rating: 4
Host: *Betula alleghaniensis* Britton
Loc.: NE (1)

Phoma sp.: Phoma canker
Disease Rating: 3
Host: *Acer* sp.
Loc.: E (1)
Host: *Betula* sp.
Loc.: NE (1)
Host: *Betula alleghaniensis* Britton
Loc.: NE (2)
Host: *Betula papyrifera* Marsh.
Loc.: NE (1)
Host: *Populus tremuloides* Michx.
Loc.: N (2)

Phomopsis sp.: Phomopsis blight
Disease Rating: 3
Host: *Acer* spp.
Loc.: NE (1), C (1)
Host: *Acer pensylvanicum* L.
Loc.: E (1)
Host: *Acer rubrum* L.
Loc.: C (1)
Host: *Acer saccharum* Marsh.
Loc.: E (2)
Host: *Betula alleghaniensis* Britton
Loc.: NE (1)
Host: *Populus grandidentata* Michx.
Loc.: AL (1)

Phyllactinia guttata (Wallr. : Fr.) Lév.: powdery mildew
Syn.: *Phyllactinia corylea* (Pers.) P. Karsten
Disease Rating: 2
Host: *Betula papyrifera* Marsh.
Loc.: NW (1), N (1), C (1)

Phyllosticta sp.: leaf spot
Disease Rating: 3
Host: *Populus* spp.
Loc.: AL (3)
Host: *Populus balsamifera* L.
Loc.: AL (1), C (1)
Host: *Populus tremuloides* Michx.
Loc.: N (1)

Phyllosticta minima (Berk. & M.A. Curtis) Underw. & Earle: purple-bordered leaf spot
Syn.: *Phyllosticta acericola* Cooke & Ell.
Disease Rating: 3
Host: *Acer* spp.
Loc.: AL (1), E (1), C (3), SW (2)
Host: *Acer nigrum* Michx.f.
Loc.: SW (1)
Host: *Acer pseudoplatanus* L.
Loc.: SW (1)
Host: *Acer rubrum* L.
Loc.: N (2), NE (5), AL (4), E (3), C (2), SW (3)
Host: *Acer saccharinum* L.
Loc.: SW (1)
Host: *Acer saccharum* Marsh.
Loc.: NE (3), AL (3), E (1), C (1), SW (4)
Host: *Acer spicatum* Lam.
Loc.: SW (1)

Phyllo ticta negundinis Sacc. & Speg.: leaf spot
Disease Rating: 3
Host: *Acer negundo* L.
Loc.: NW (1), SW (1)

Piptoporus betulinus (Bull. : Fr.) P. Karsten: birch conk
Syn.: *Polyporus betulinus* (Bull. : Fr.) Fr.
Disease Rating: 4
Host: *Betula* sp.
Loc.: NE (1)
Host: *Betula papyrifera* Marsh.
Loc.: NW (2), N (1), NE (2), AL (2)

Pleurotus ostreatus (Jacq. : Fr.) Kummer: oyster-shell fungus
Disease Rating: 4
Host: *Acer* sp.
Loc.: NE (1)
Host: *Betula papyrifera* Marsh.
Loc.: AL (1)
Host: *Populus* sp.
Loc.: NE (1)
Host: *Populus grandidentata* Michx.
Loc.: AL (1)

Pseudocercospora salicina (Ell. & Ev.) Deighton: Cercospora leaf spot
Syn.: *Cercospora salicina* Ell. & Ev.
Disease Rating: 3
Host: *Populus balsamifera* L.
Loc.: NW (1)

Pycnoporus cinnabarinus (Jacq. : Fr.) P. Karsten: cinnabar-red polypore
Syn.: *Polyporus cinnabarinus* Jacq. : Fr.
Disease Rating: 4
Host: *Populus tremuloides* Michx.
Loc.: NE (1)

Radulodon americanus Ryv.: white spongy rot
Disease Rating: 3
Host: *Populus* sp.
Loc.: NC (1)

Rhytisma acerinum (Pers. : Fr.) Fr.: tar spot
Anamorph: *Melasmia acerina* Lév.
Disease Rating: 3
Host: *Acer rubrum* L.
Loc.: N (3), NE (5), AL (4), E (1), SW (3)
Host: *Acer saccharinum* L.
Loc.: NE (1), E (1), C (1), SW (1)
Host: *Acer saccharum* Marsh.
Loc.: NE (1)

Rhytisma punctatum (Pers. : Fr.) Fr.: speckled tar spot
Anamorph: *Melasmia punctata* Sacc. & Roum.
Disease Rating: 3
Host: *Acer negundo* L.
Loc.: NW (2), N (6), NE (1)
Host: *Acer rubrum* L.
Loc.: N (2), SW (1)
Host: *Acer saccharum* Marsh.
Loc.: NE (1), AL (1)
Host: *Acer spicatum* Lam.
Loc.: NW (1), NC (3), N (12), NE (4)

Schizophyllum commune Fr. : Fr.: split gill
Disease Rating: 3
Host: *Acer* sp.
Loc.: E (1)
Host: *Acer saccharum* Marsh.
Loc.: NE (1), E (3)

Septoria sp.: Septoria leaf spot
Disease Rating: 3
Host: *Populus balsamifera* L.
Loc.: NW (1), NC (1), N (3), NE (3), AL (1), C (3), SW (1)
Host: *Populus grandidentata* Michx.
Loc.: AL (1)
Host: *Populus tremuloides* Michx.
Loc.: N (1)

Septoria aceris (Lib.) Berk. & Broome: Septoria leaf spot
Disease Rating: 3
Host: *Acer negundo* L.
Loc.: C (1)
Host: *Acer saccharum* Marsh.
Loc.: NE (1)

Septoria betulae Pass.: leaf spot
Syn.: *Septoria betulicola* Peck
Disease Rating: 3
Host: *Betula* spp.
Loc.: NE (1), C (1)
Host: *Betula alleghaniensis* Britton
Loc.: NE (1)
Host: *Betula papyrifera* Marsh.
Loc.: NC (4), NE (10), AL (5), E (1)

Sphaeropsis sp.: Sphaeropsis dieback
Disease Rating: 3
Host: *Acer saccharum* Marsh.
Loc.: NE (1), E (1), C (1)

Stegonsporium sp.: maple twig fungus
Disease Rating: 4
Host: *Acer* spp.
Loc.: NE (1), E (1), C (4)
Host: *Acer rubrum* L.
Loc.: NW (1)
Host: *Acer saccharinum* L.
Loc.: SW (1)
Host: *Acer saccharum* Marsh.
Loc.: NE (1), AL (1), E (6), C (7), SW (5)

Stegonsporium pyriforme (Hoffm. : Fr.) Corda: maple twig fungus
Syn.: *Stilbospora ovata* Pers.
Syn.: *Stegonsporium ovatum* (Pers.) S. Hughes
Disease Rating: 4
Host: *Acer* spp.
Loc.: AL (1), E (2), C (3), SW (2)
Host: *Acer rubrum* L.
Loc.: E (1)
Host: *Acer saccharinum* L.
Loc.: SW (1)
Host: *Acer saccharum* Marsh.
Loc.: NE (8), AL (4), E (17), C (27), SW (13)

Stereum sp.: Stereum wood rotter
Disease Rating: 3
Host: *Acer saccharinum* L.
Loc.: NE (1)
Host: *Betula caerulea-grandis* Blanch.
Loc.: SW (1)

(cont'd)

Stereum sp.: Stereum wood rotter (concl.)
Host: *Populus grandidentata* Michx.
Loc.: AL (1)

Stereum hirsutum (Willd. : Fr.) Gray: slash rotter
Disease Rating: 3
Host: *Populus tremuloides* Michx.
Loc.: NW (1)

Stigmina negundinis (Berk. & M.A. Curtis) M.B. Ellis: Stigmina twig blight
Syn.: *Coryneum negundinis* Berk. & M.A. Curtis
Syn.: *Helminthosporium subcuticulare* Ell. & Ev.
Disease Rating: 3
Host: *Acer negundo* L.
Loc.: NC (1), N (3), NE (1)

Taphrina dearnessii Jenk.: leaf blister
Disease Rating: 3
Host: *Acer rubrum* L.
Loc.: NE (1), AL (1)

Trametes hirsuta (Wulfen : Fr.) Pilát: hairy conk
Syn.: *Coriolus hirsutus* (Wulfen : Fr.) Quélet
Syn.: *Polyporus hirsutus* Wulfen : Fr.
Disease Rating: 4
Host: *Betula* sp.
Loc.: NE (1)
Host: *Populus grandidentata* Michx.
Loc.: AL (1)
Host: *Populus tremuloides* Michx.
Loc.: NC (1), NE (1)

Trametes pubescens (Schumacher : Fr.) Pilát: pubescent conk
Syn.: *Coriolus pubescens* (Schumacher : Fr.) Quélet
Syn.: *Polyporus pubescens* Schumacher : Fr.
Disease Rating: 4
Host: *Acer* sp.
Loc.: C (1)
Host: *Betula papyrifera* Marsh.
Loc.: NE (1)
Host: *Populus grandidentata* Michx.
Loc.: AL (1)
Host: *Populus tremuloides* Michx.
Loc.: NE (1)

Trametes versicolor (L. : Fr.) Pilát: turkey tail
Syn.: *Coriolus versicolor* (L. : Fr.) Quélet
Syn.: *Polyporus versicolor* L. : Fr.
Disease Rating: 4
Host: *Acer saccharinum* L.
Loc.: C (1)

(cont'd)

Trametes versicolor (L. : Fr.) Pilát: turkey tail (concl.)
Host: *Acer saccharum* Marsh.
Loc.: NE (1), AL (1)
Host: *Populus grandidentata* Michx.
Loc.: AL (1)

Trichaptum biforme (Fr.) Ryv.: violet-toothed polypore
Syn.: *Polyporus biformis* Fr.
Syn.: *Polystictus pargamenus* (Fr.) Fr.
Disease Rating: 4
Host: *Populus* sp.
Loc.: NE (1)
Host: *Populus tremuloides* Michx.
Loc.: NW (1), NC (1), N (1)

Tubercularia sp.: Nectria canker
Disease Rating: 1
Host: *Acer* sp.
Loc.: C (1)

Tympanis spermatiospora (Nyl.) Nyl.: poplar twig blighter
Anamorph: *Sirodothis populena* (Thümen) B. Sutton & Funk
Syn.: *Dothiorella populnea* Thümen
Disease Rating: 3
Host: *Populus tremuloides* Michx.
Loc.: NW (1), SW (1)

Uncinula adunca (Wallr. : Fr.) Lév.: powdery mildew
Syn.: *Uncinula salicis* (DC.) Winter
Disease Rating: 2
Host: *Populus* spp.
Loc.: N (1), NE (2)
Host: *Populus balsamifera* L.
Loc.: NW (1), NC (1), N (5), NE (3), AL (5), E (3), C (6), SW (1)
Host: *Populus grandidentata* Michx.
Loc.: AL (1)
Host: *Populus tremuloides* Michx.
Loc.: N (3), SW (1)

Uncinula circinata Cooke & Peck: powdery mildew
Disease Rating: 2
Host: *Acer spicatum* Lam.
Loc.: N (1)

Ustilina deusta (Hoffm. : Fr.) Lind: coal fungus
Syn.: *Hypoxylon deustum* (Hoffm. : Fr.) Grev.
Disease Rating: 3
Host: *Acer rubrum* L.
Loc.: C (1)
Host: *Acer saccharum* Marsh.
Loc.: NE (1), E (1), SW (2)

(cont'd)

Ustilina deusta (Hoffm. : Fr.) Lind: coal fungus (concl.)
Host: *Acer spicatum* Lam.
Loc.: N (1)

Valsa sp.: stem canker
Disease Rating: 3
Host: *Acer platanoides* L.
Loc.: SW (1)
Host: *Populus* sp.
Loc.: SW (1)
Host: *Populus balsamifera* L.
Loc.: NC (1), SW (1)
Host: *Populus grandidentata* Michx.
Loc.: AL (1)
Host: *Populus tremuloides* Michx.
Loc.: N (2), E (1)

Valsa sordida Nitschke: golden-tendril Cytospora
Anamorph: *Cytospora chrysosperma* (Pers. : Fr.) Fr.
Disease Rating: 3
Host: *Acer rubrum* L.
Loc.: NE (1)
Host: *Acer saccharum* Marsh.
Loc.: E (1)
Host: *Populus* spp.
Loc.: NC (1), N (1), AL (5), E (13), C (5), SW (1)
Host: *Populus alba* L.
Loc.: AL (3)
Host: *Populus balsamifera* L.
Loc.: N (3), NE (3), AL (1), C (3), SW (2)
Host: *Populus* X *canadensis* Moench
Loc.: AL (1), E (1), C (1)
Host: *Populus deltoides* Bartr.
Loc.: AL (1), E (1)
Host: *Populus grandidentata* Michx.
Loc.: SW (1)
Host: *Populus nigra* L. var. *italica* Muenchh.
Loc.: NW (1), AL (1), E (1), C (1)
Host: *Populus tremuloides* Michx.
Loc.: NW (4), NC (4), N (2), NE (6), AL (4), E (2), C (1), SW (2)

Valsa translucens (de Not.) de Not.: Cytospora twig canker
Syn.: *Cytospora translucens* Sacc.
Disease Rating: 3
Host: *Populus tremuloides* Michx.
Loc.: NW (1)

Valsaria insitiva (Tode : Fr.) Ces. & de Not.: long-necked Valsaria
Disease Rating: 4
Host: *Betula alleghaniensis* Britton
Loc.: SW (1)

Venturia acerina Plakidas ex Barr: maple leaf spot
Syn.: *Cladosporium humile* J. Davis
Disease Rating: 3
Host: *Acer rubrum* L.
Loc.: E (1)

Venturia macularis (Fr. : Fr.) E. Müller & v. Arx: shoot blight of aspen
Syn.: *Sphaeria macularis* Fr.
Syn.: *Venturia tremulae* Aderh.
Anamorph: *Pollacia radiosa* (Lib.) Bald. & Cif.
Disease Rating: 2
Host: *Populus* spp.
Loc.: NW (2), NC (2), NE (2) 2)
Host: *Populus alba* L.
Loc.: NE (1)
Host: *Populus* X *canadensis* Moench
Loc.: AL (1), E (3), SW (1)
Host: *Populus deltoides* Bartr.
Loc.: SW (1)
Host: *Populus grandidentata* Michx.
Loc.: NW (4), N(1), NE (12), AL (1), E (2), C (1), SW (4)
Host: *Populus nigra* L. var. *italica* Muenchh.
Loc.: N (1), AL (1)
Host: *Populus tremuloides* Michx.
Loc.: NW (150), NC (73), N (153), NE (109), AL (39), E (5), C (11), SW (14)

Venturia populina (Vuill.) Fabricius: shoot blight
Anamorph: *Pollacia elegans* Servazzi
Disease Rating: 2
Host: *Populus balsamifera* L.
Loc.: NW (11), NC (8), N (19), NE (8), AL (7), E (1), SW (3)

Verticillium sp.: Verticillium wilt
Disease Rating: 1
Host: *Acer* spp.
Loc.: AL (2), E (3), C (1), SW (2)
Host: *Acer platanoides* L.
Loc.: NE (1), E (2), C (1), SW (7)
Host: *Acer rubrum* L.
Loc.: AL (1), E (1), SW (1)
Host: *Acer saccharinum* L.
Loc.: NE (1), AL (1)
Host: *Acer saccharum* Marsh.
Loc.: AL (2), E (7), C (7), SW (4)
Host: *Betula alleghaniensis* Britton
Loc.: NE (1)
Host: *Populus* sp.
Loc.: E (1)

Verticillium albo-atrum Reinke & Berth.: Verticillium wilt
Disease Rating: 1
Host: *Acer* spp.
Loc.: SW (2)
Host: *Acer saccharum* Marsh.
Loc.: E (2), C (3), SW (2)

Verticillium dahliae Kleb.: Verticillium wilt
Disease Rating: 1
Host: *Acer* spp.
Loc.: NE (1), C (2)
Host: *Acer saccharum* Marsh.
Loc.: AL (1), E (1), C (2), SW (1)

Winterella betulae (Tul. & C. Tul.) Kuntze: branch canker
Syn.: *Ophiovalsa betulae* (Tul. & C. Tul.)
Syn.: *Cytospora betulae* Tul. & C. Tul.
Disease Rating: 4
Host: *Betula* sp.
Loc.: N (1)
Host: *Betula papyrifera* Marsh.
Loc.: C (1)
Host: *Betula pendula* Roth
Loc.: NE (1)

Xylaria polymorpha (Pers. : Fr.) Grev.: dead-man's fingers
Disease Rating: 3
Host: *Acer negundo* L.
Loc.: SW (1)
Host: *Acer saccharum* Marsh.
Loc.: C (1)

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